09/743,869

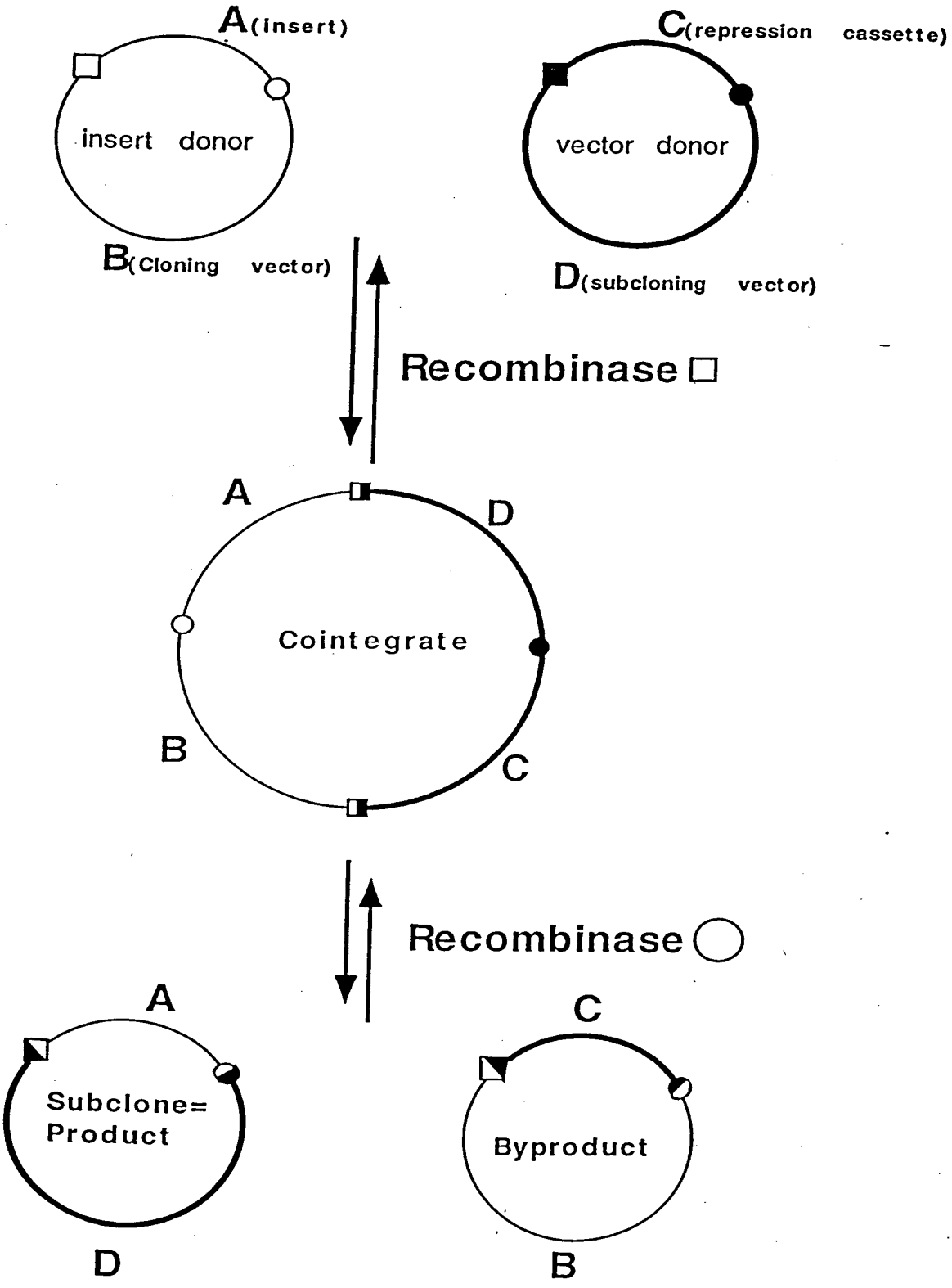
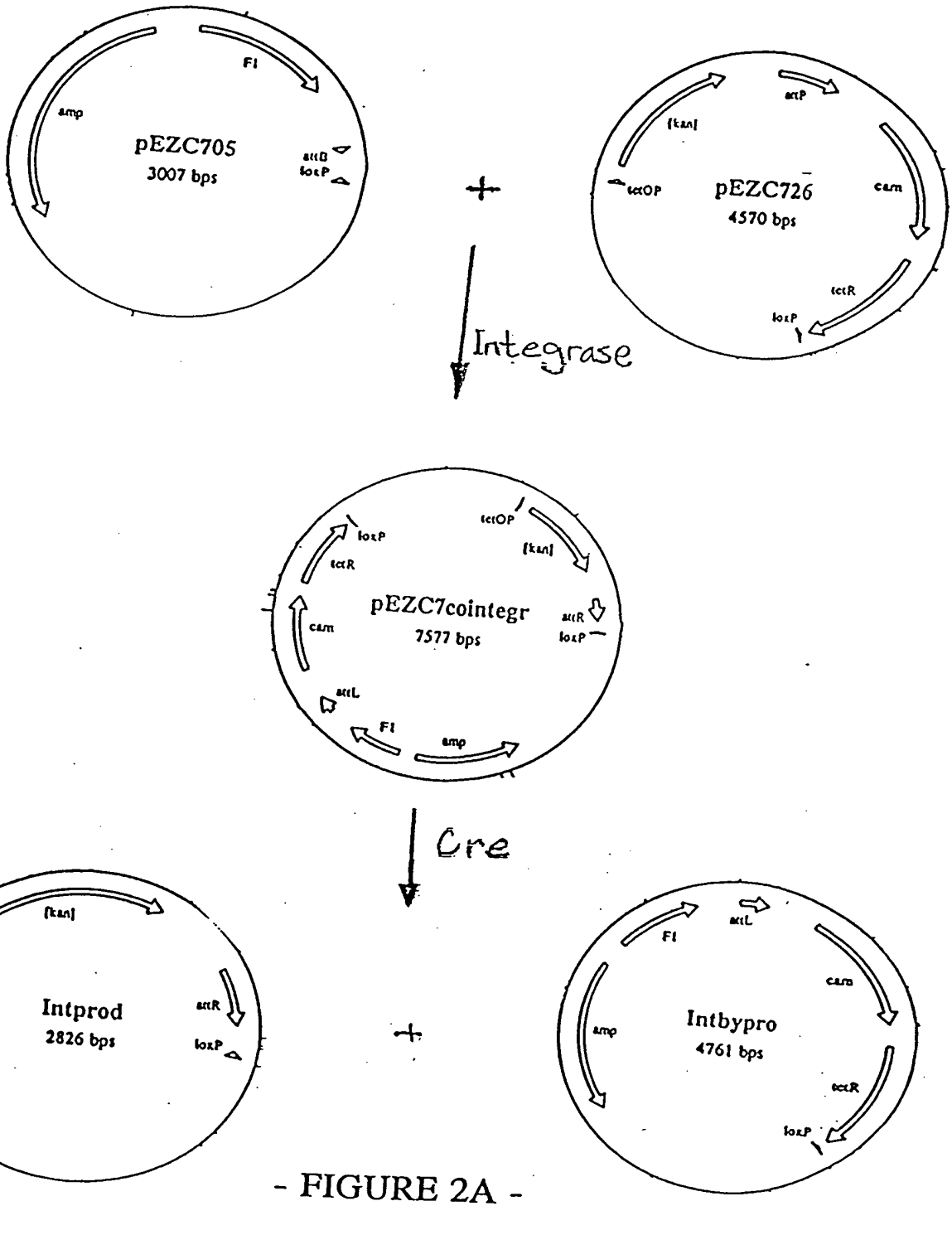
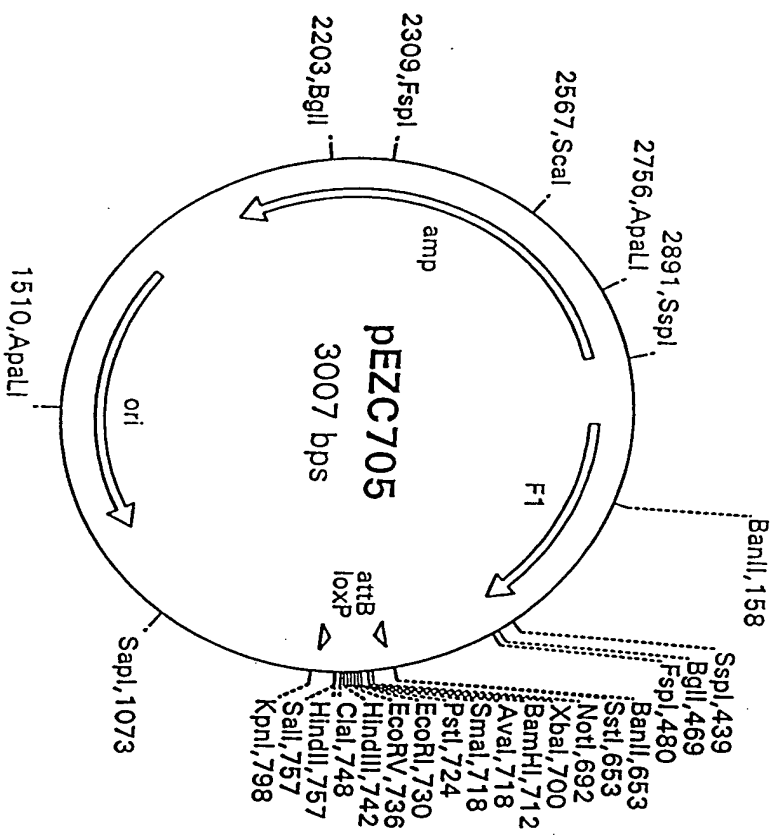


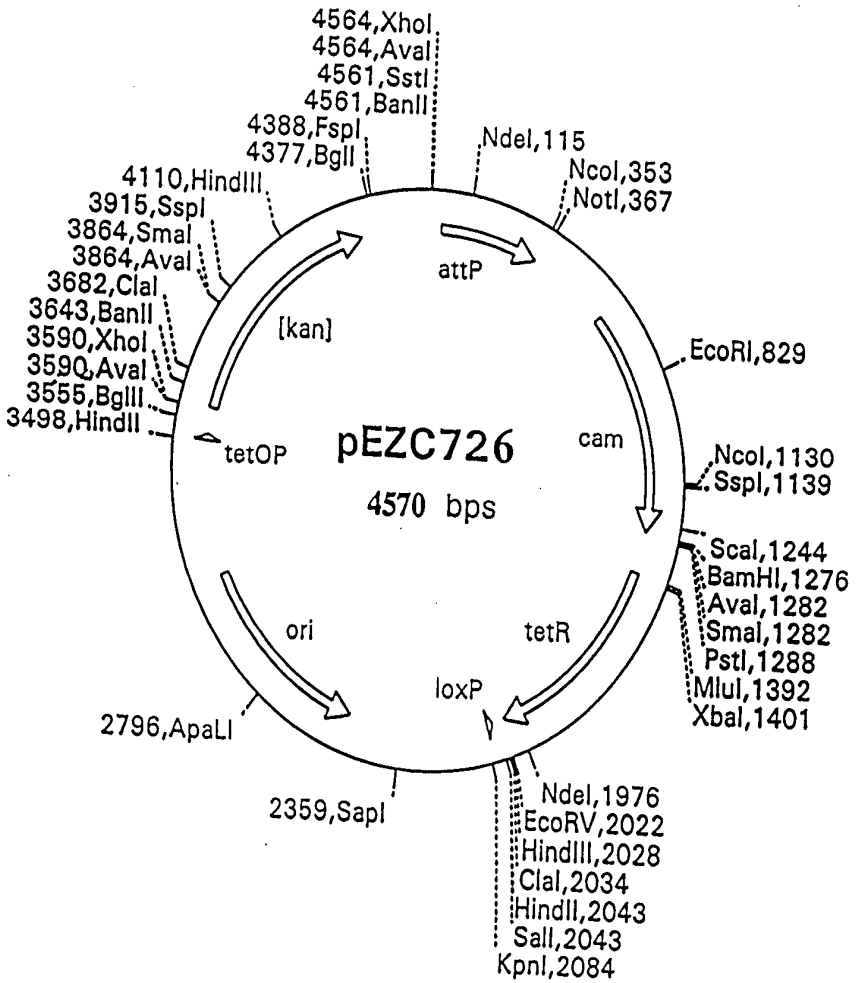
Figure 1


pEZC705
3007 bps
amp
F1
attB
loxP
+
pEZC726
4570 bps
[kan]
attP
tetOP
cam
tetR
loxP
Integrase
pEZC7cointegr
7577 bps
tetOP
[kan]
attR
loxP
cam
tetR
loxP
attL
F1
amp
Cre
Intprod
2826 bps
[kan]
tetOP
attR
loxP
+
Intbypro
4761 bps
F1
attL
cam
amp
tetR
loxP

- FIGURE 2A -

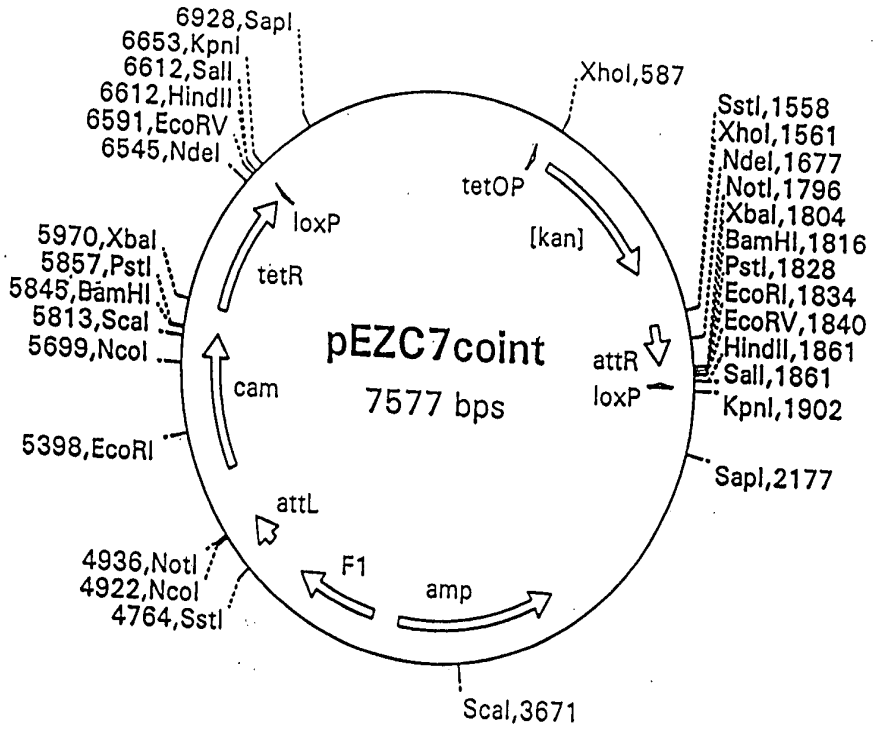

pEZC705
3007 bps
amp
ori
F1
attB
loxP
2203,BglI
2309,FspI
2567,ScaI
2756,ApaLI
2891,SspI
1510,ApaLI
BanII,158
SspI,439
BglI,469
FspI,480
BanII,653
SstI,653
NotI,692
XbaI,700
BamHI,712
AvaI,718
SmaI,718
PstI,724
EcoRI,730
EcoRV,736
HindIII,742
ClaI,748
HindII,757
SalI,757
KpnI,798
SapI,1073

- FIGURE 2B -



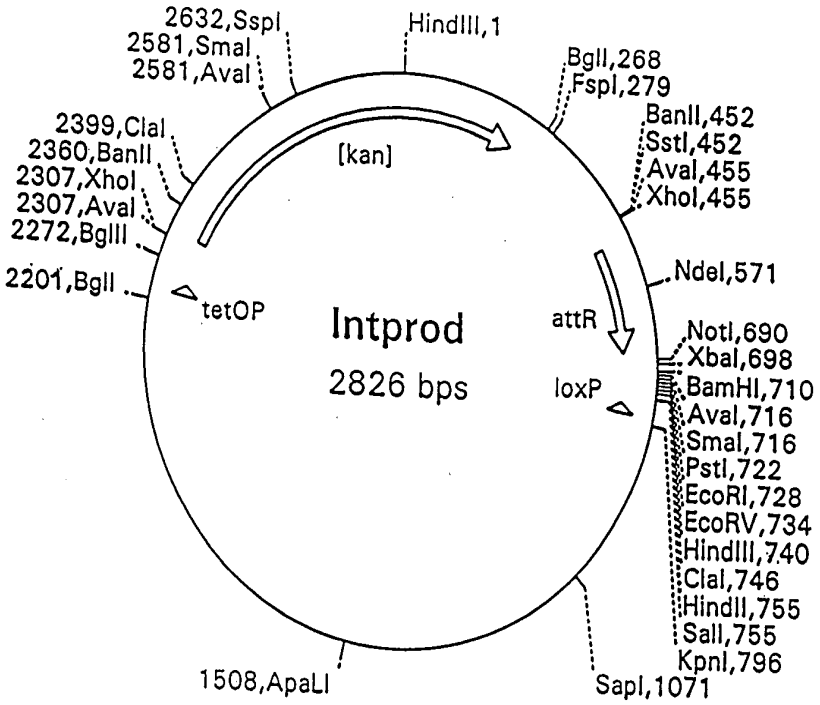
- FIGURE 2C -

09177387 .102398



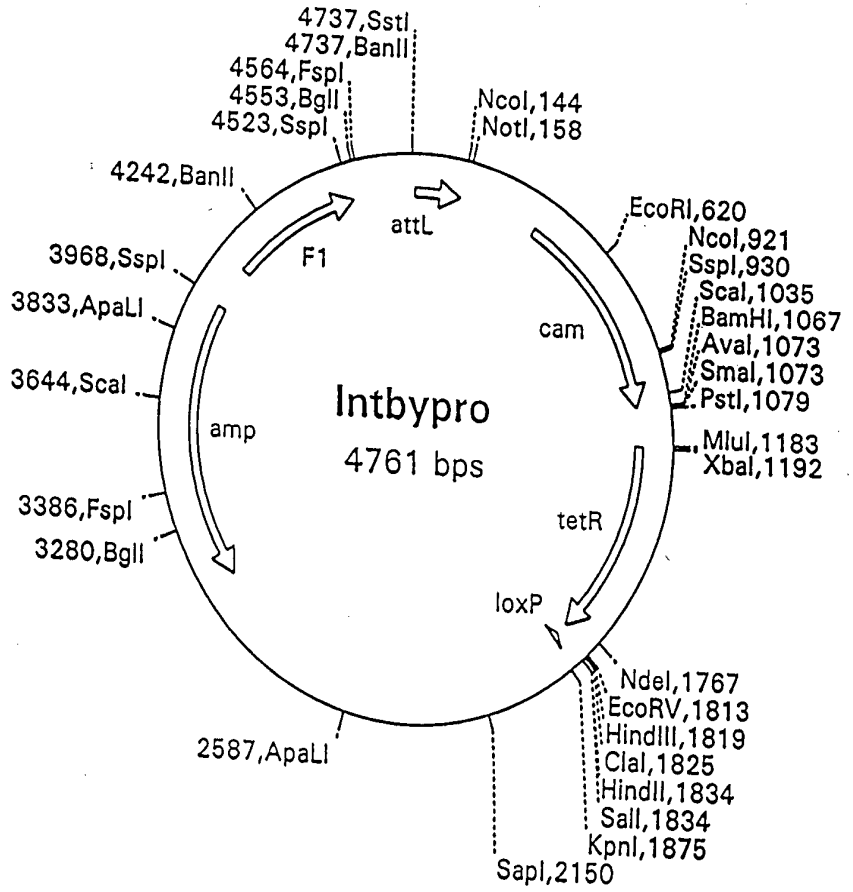
- FIGURE 2D -

09/7387.102398



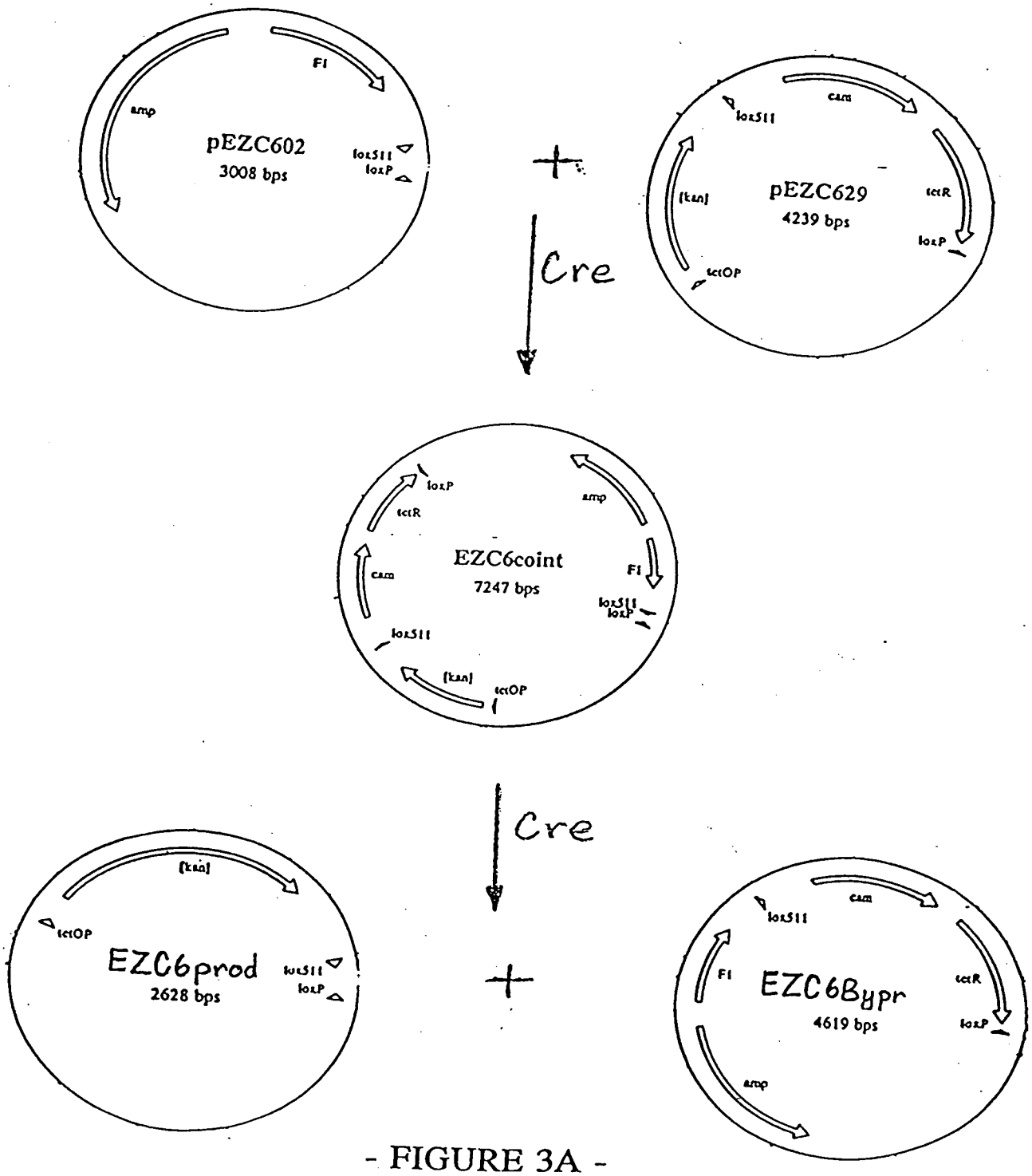
- FIGURE 2E -

09177387.102398

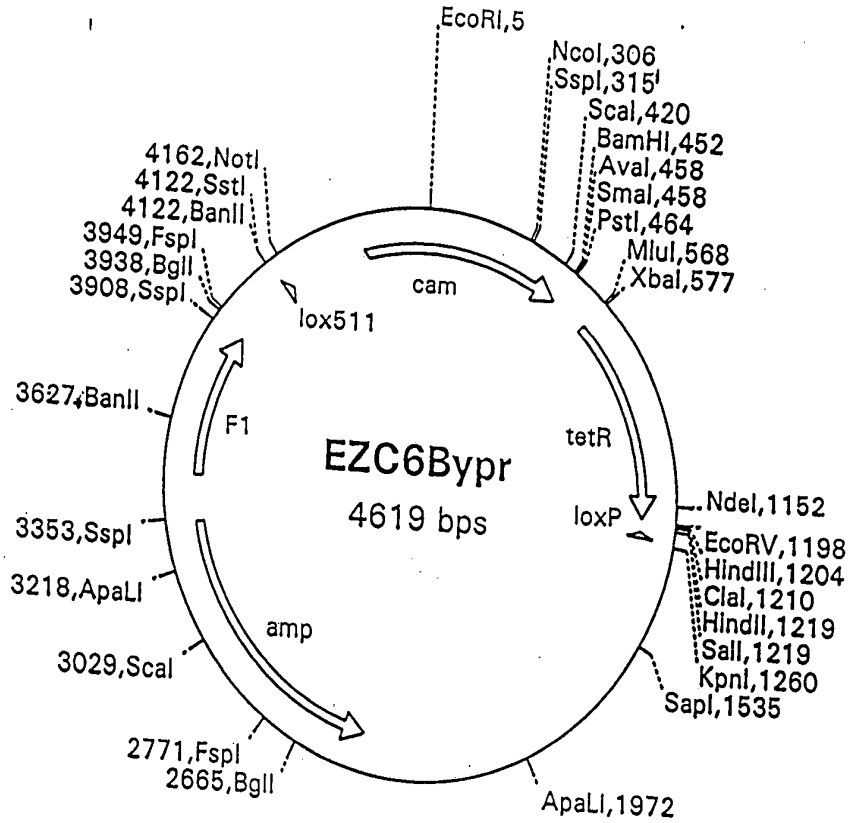

4737,SstI
4737,BanII
4564,FspI
4553,BglI
4523,SspI
NcoI,144
NotI,158
4242,BanII
EcoRI,620
NcoI,921
SspI,930
ScaI,1035
BamHI,1067
AvaI,1073
SmaI,1073
PstI,1079
MluI,1183
XbaI,1192
3968,SspI
3833,ApaLI
3644,ScaI
3386,FspI
3280,BglI
2587,ApaLI
NdeI,1767
EcoRV,1813
HindIII,1819
ClaI,1825
HindII,1834
SalI,1834
KpnI,1875
SapI,2150
attL
F1
cam
amp
tetR
loxP
Intbypro
4761 bps

- FIGURE 2F -

88207-2882 US160

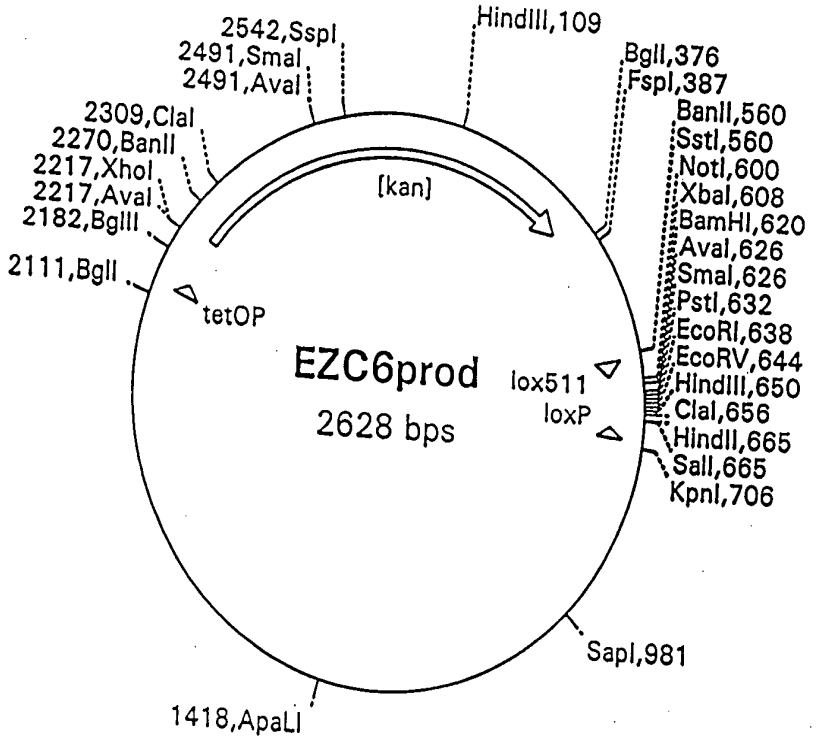


- FIGURE 3A -



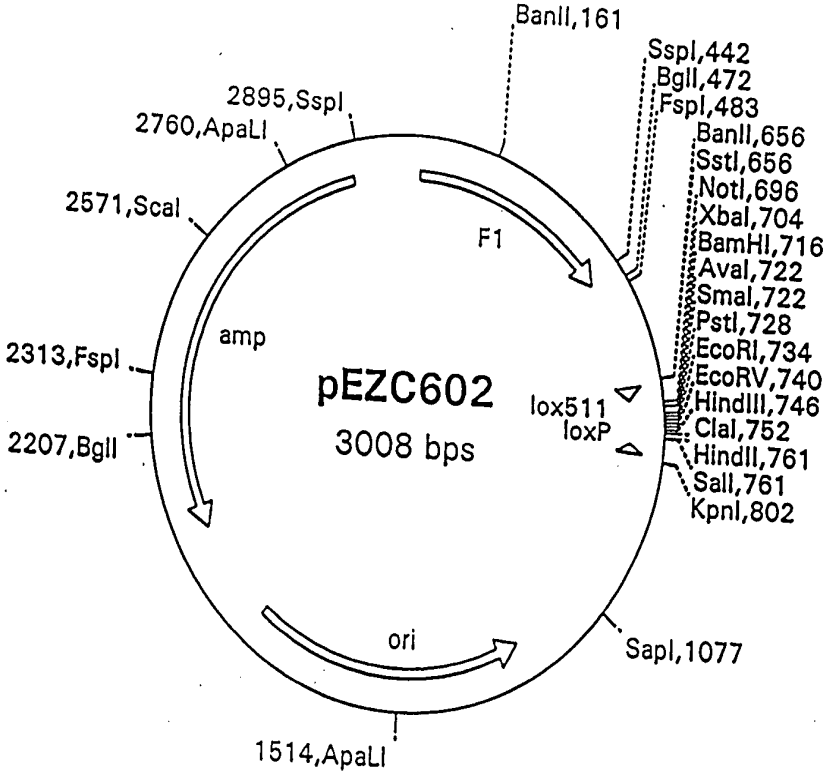
- FIGURE 3B -

09177367.102398

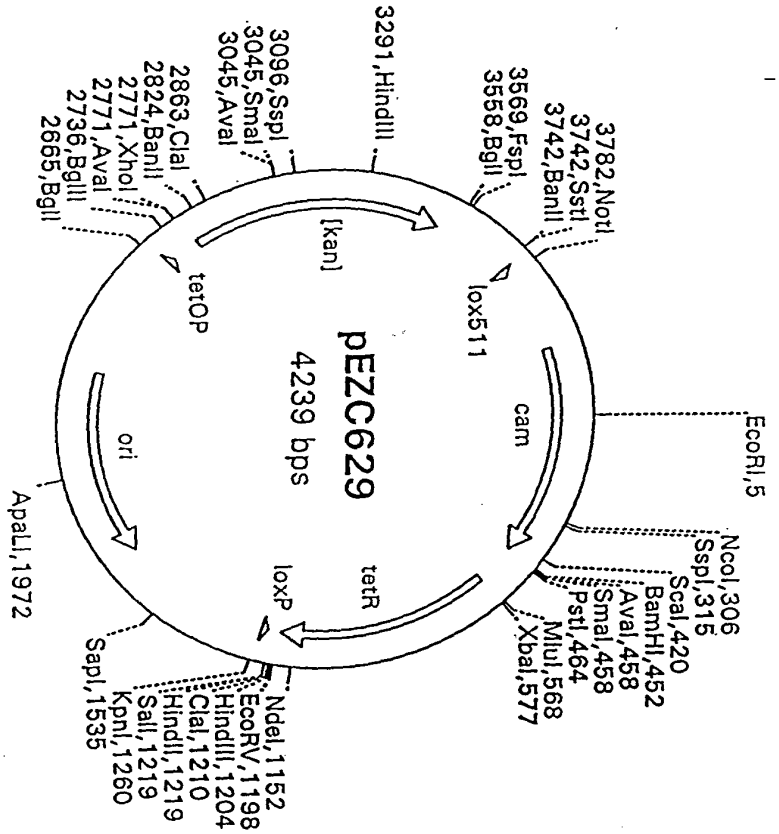


- FIGURE 3C -

09/727387 .102398

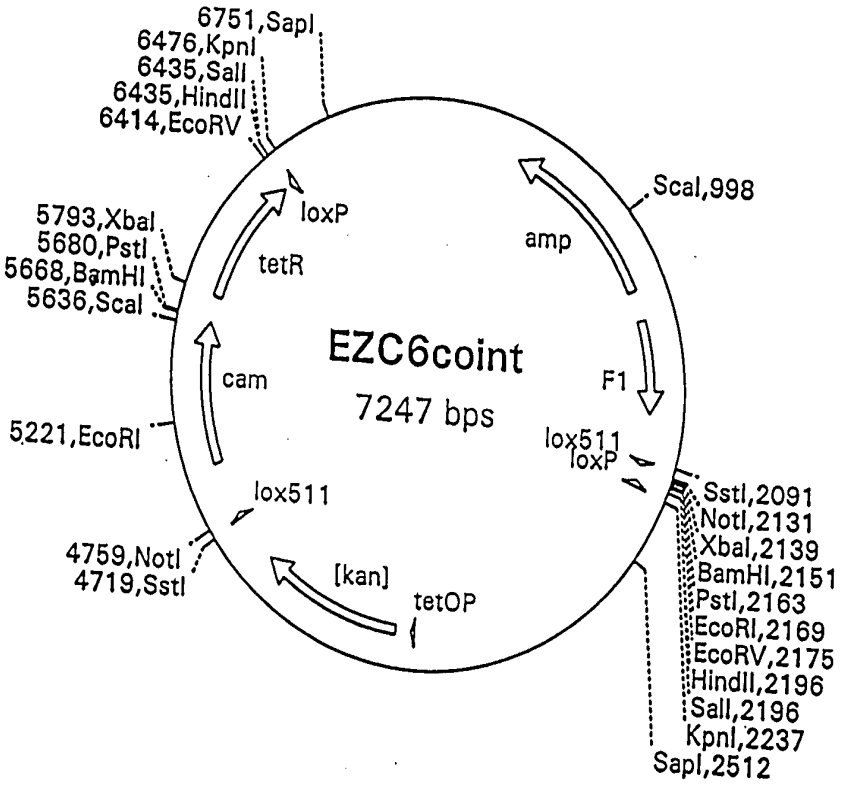

BanII,161
SspI,442
BglI,472
FspI,483
BanII,656
SstI,656
NotI,696
XbaI,704
BamHI,716
AvaI,722
SmaI,722
PstI,728
EcoRI,734
EcoRV,740
HindIII,746
ClaI,752
HindII,761
SalI,761
KpnI,802
SapI,1077
1514,ApaLI
2895,SspI
2760,ApaLI
2571,ScaI
2313,FspI
2207,BglI
F1
amp
ori
pEZC602
3008 bps
lox511
loxP

- FIGURE 3D -



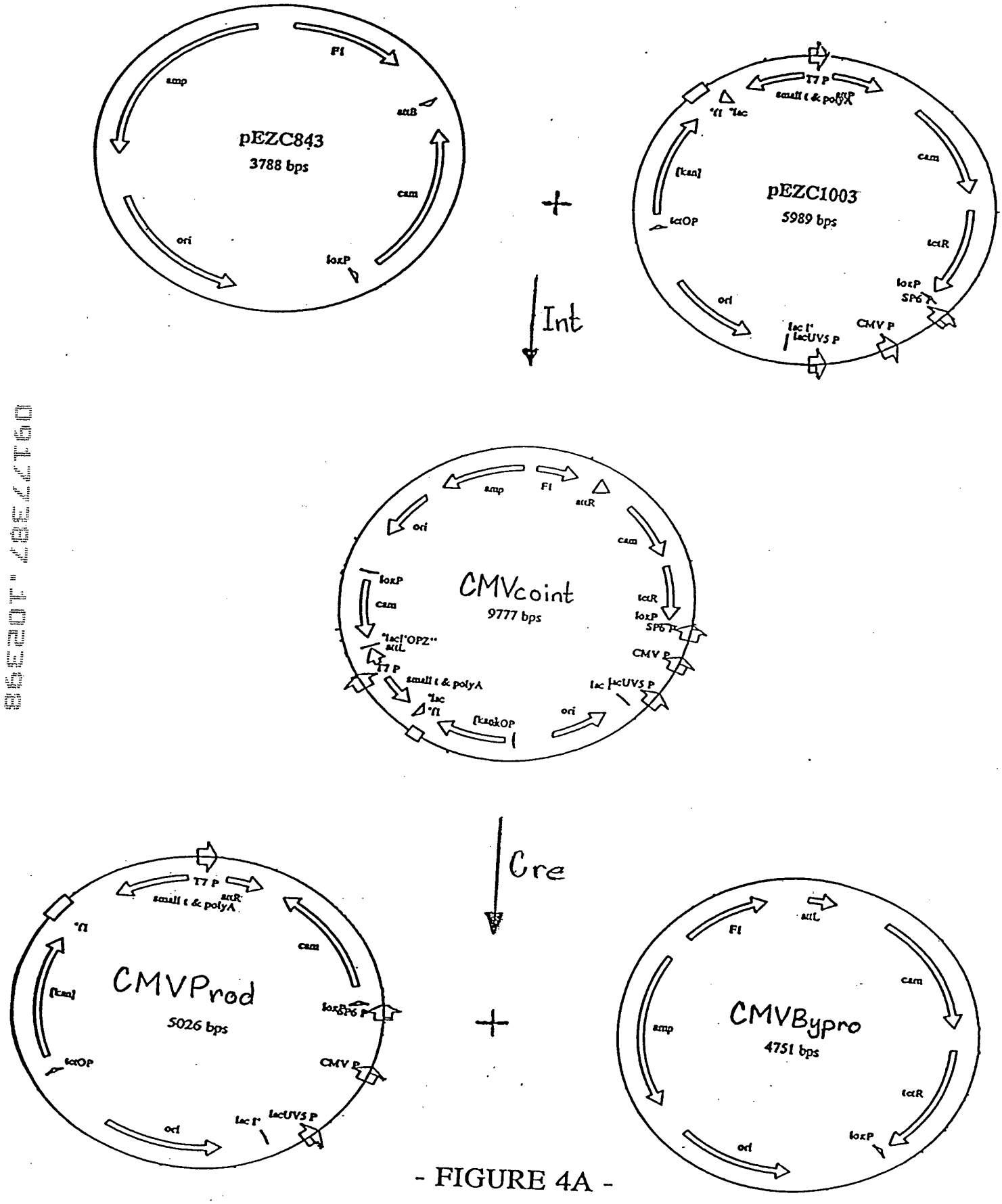
- FIGURE 3E -

05177367 - 102398

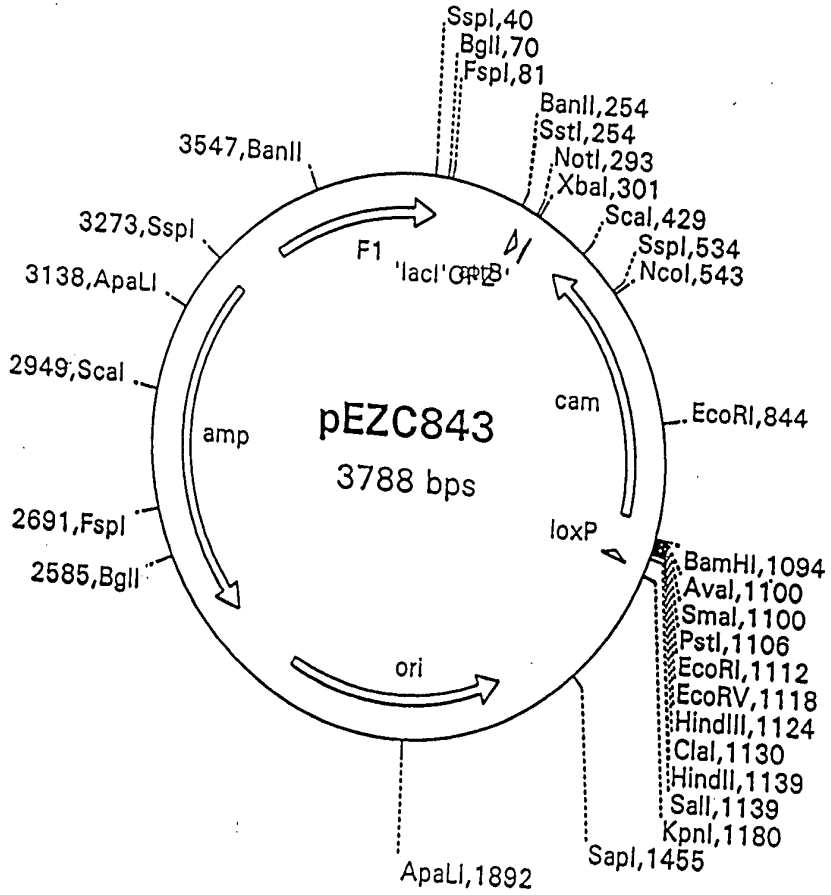


- FIGURE 3F -

09172387 .102398

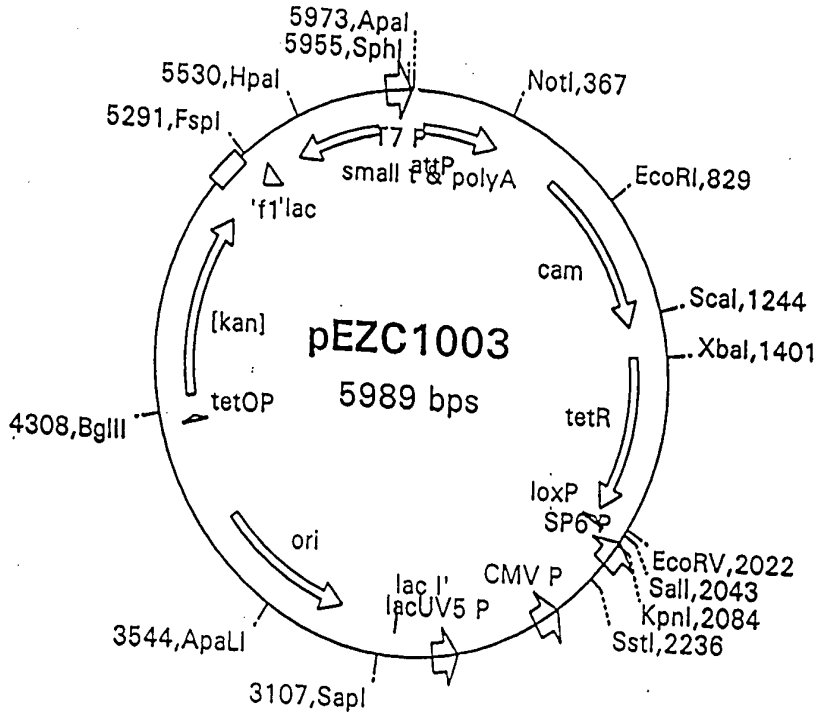

pEZC843
3788 bps
ori
amp
cam
loxP
attB
f1
pEZC1003
5989 bps
tetR
tetOP
[kan]
cam
ori
loxP
SP6 P
CMV P
lacUV5 P
T7 P
small t & polyA
attR
Int
CMVcoint
9777 bps
amp
ori
attR
cam
loxP
tetR
SP6 P
CMV P
lacUV5 P
ori
[kan]tetOP
small t & polyA
T7 P
attL
Cre
CMVProd
5026 bps
[kan]
tetOP
ori
cam
loxP
SP6 P
CMV P
lacUV5 P
CMVBypro
4751 bps
amp
ori
cam
tetR
loxP
attL

- FIGURE 4A -



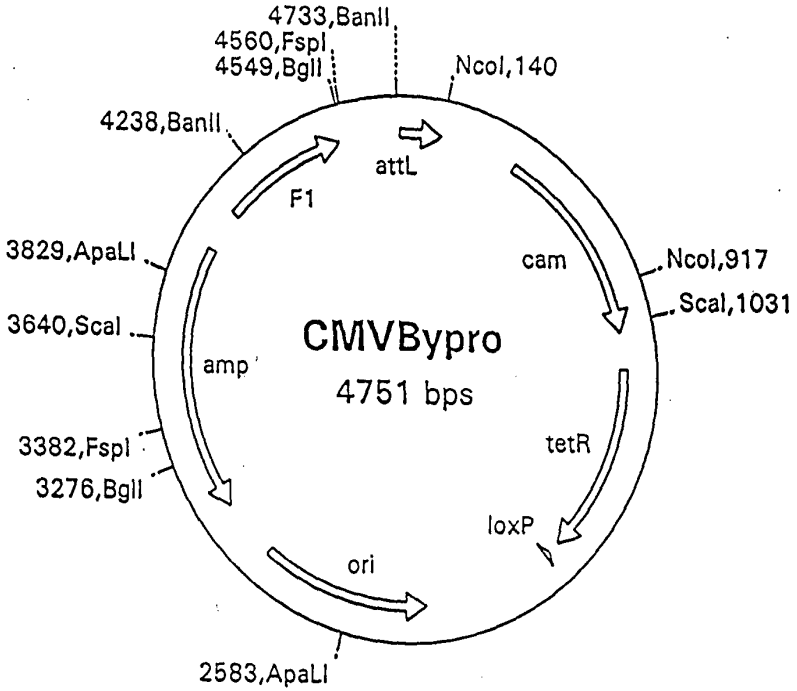
- FIGURE 4B -

09177387 .102398



- FIGURE 4C -

09177387 .102398



- FIGURE 4D -

09177387 .102398

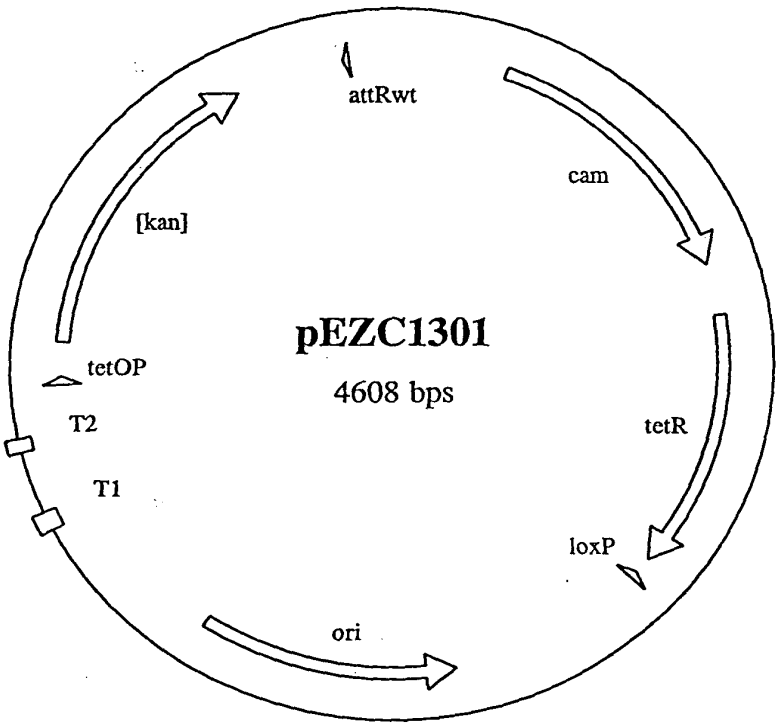
CMVProd
5026 bps
4567,HindIII
5022,BamHI
5016,XhoI
T7 P
small t & attR & polyA
cam
NcoI,484
EcoRI,785
BamHI,1035
SmaI,1041
PstI,1047
EcoRI,1053
HindIII,1080
PstI,1126
loxP
CMV P
NcoI,1477
lacUV5 P
lac I
ori
tetOP
3380,XhoI
3654,SmaI
[kan]
f1

- FIGURE 4E -

CMVcoint
9777 bps
7843,SapI
7568,KpnI
7527,SalI
7506,EcoRV
loxP
cam
ori
amp
F1
attR
SstI,653
NotI,825
cam
tetR
loxP
SP6 P
MluI,1850
XbaI,1859
CMV P
EcoRV,2480
SalI,2501
KpnI,2542
SstI,2694
lacUV5 P
ori
SapI,3565
XhoI,4801
'lac
'f1
small t & polyA
P
6689,XbaI
6681,NotI
6437,XhoI
6419,MluI
'lacI'OPZ''
attL

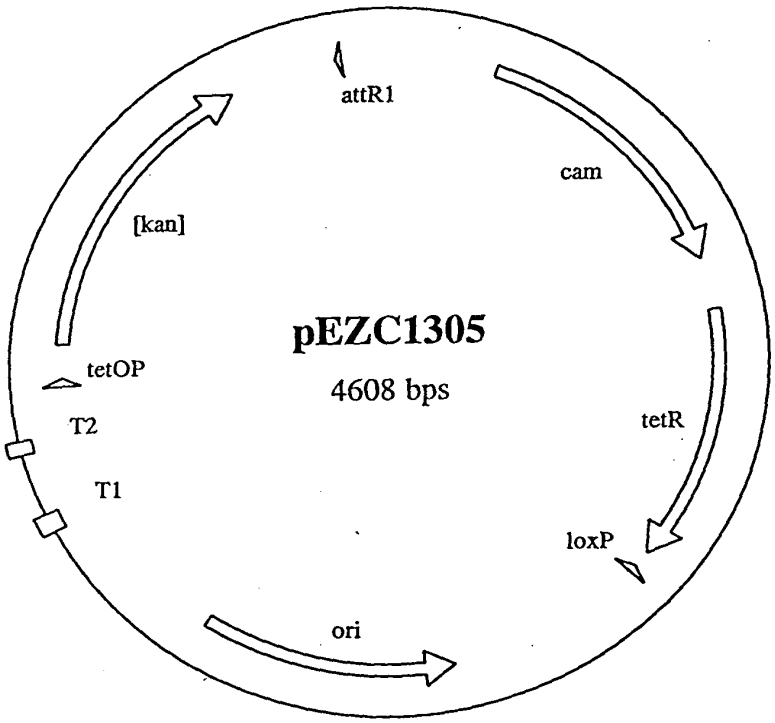
- FIGURE 4F -

08-30-2005 15:59

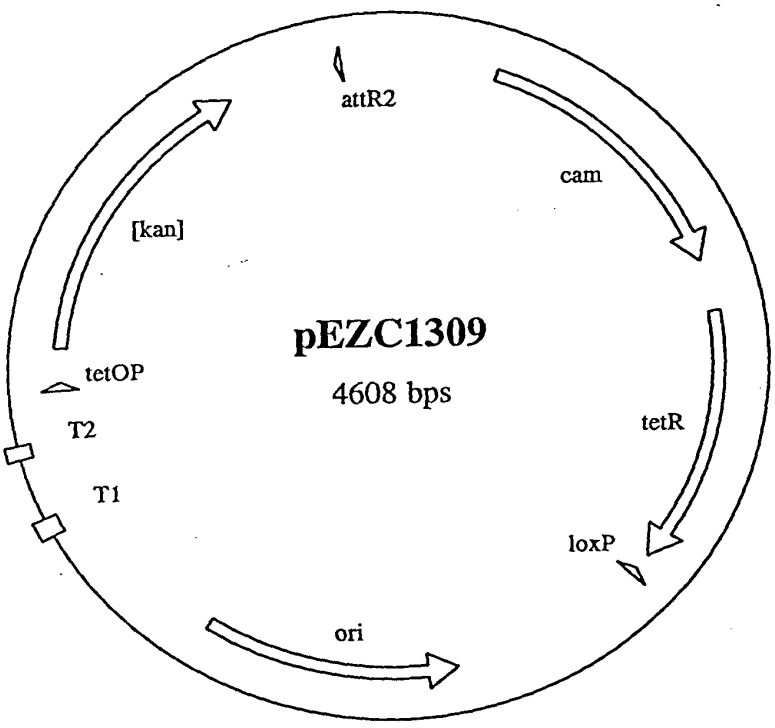


- FIGURE 5A -

09/17/2003 08:35 FAX 202 408 4400

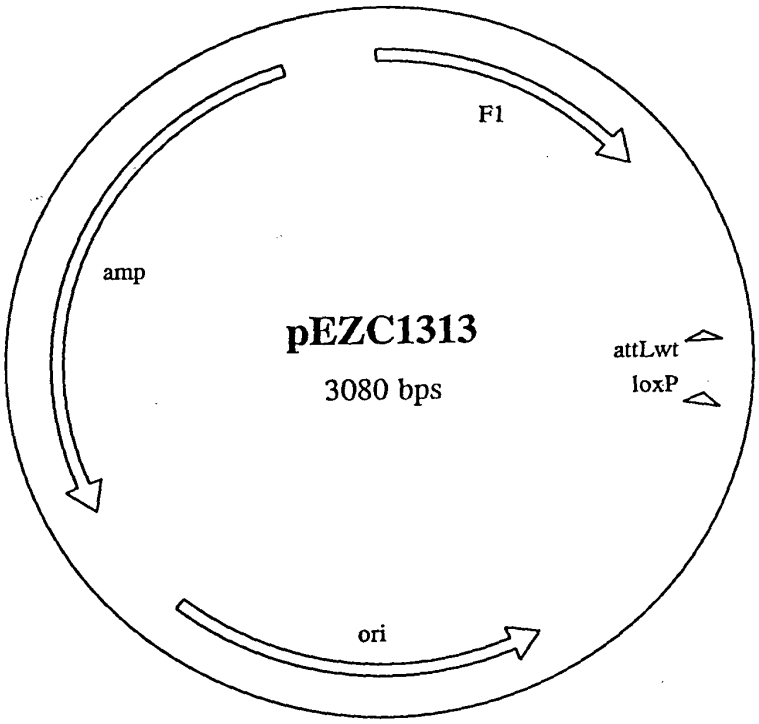


- FIGURE 5B -



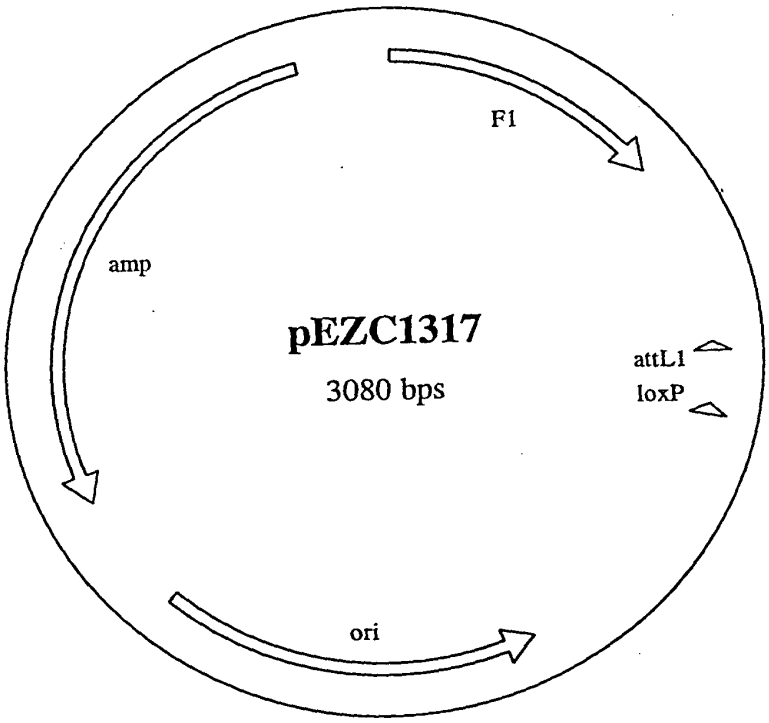
- FIGURE 5C -

Sigma-Aldrich Co.



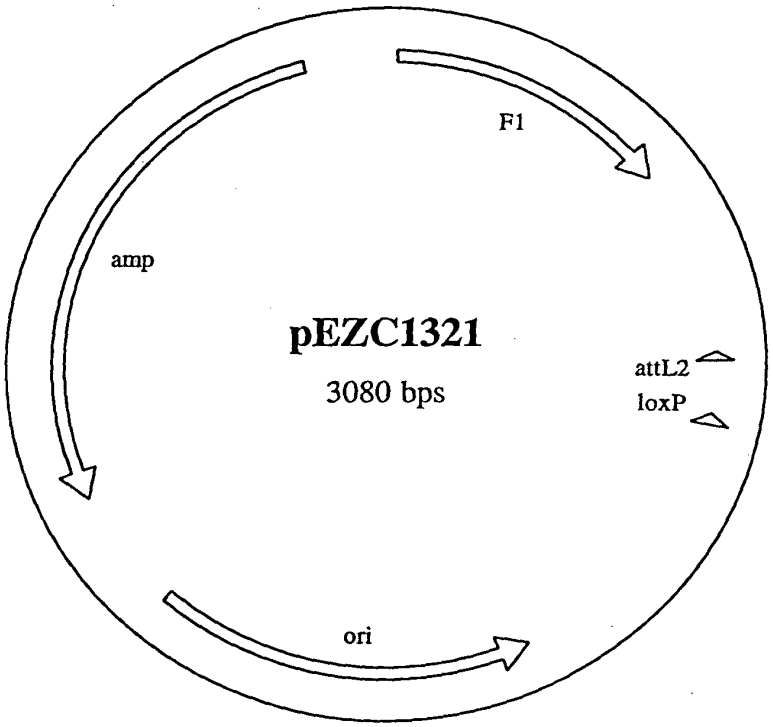
- FIGURE 5D -

09:22:07 - 09/15/2006



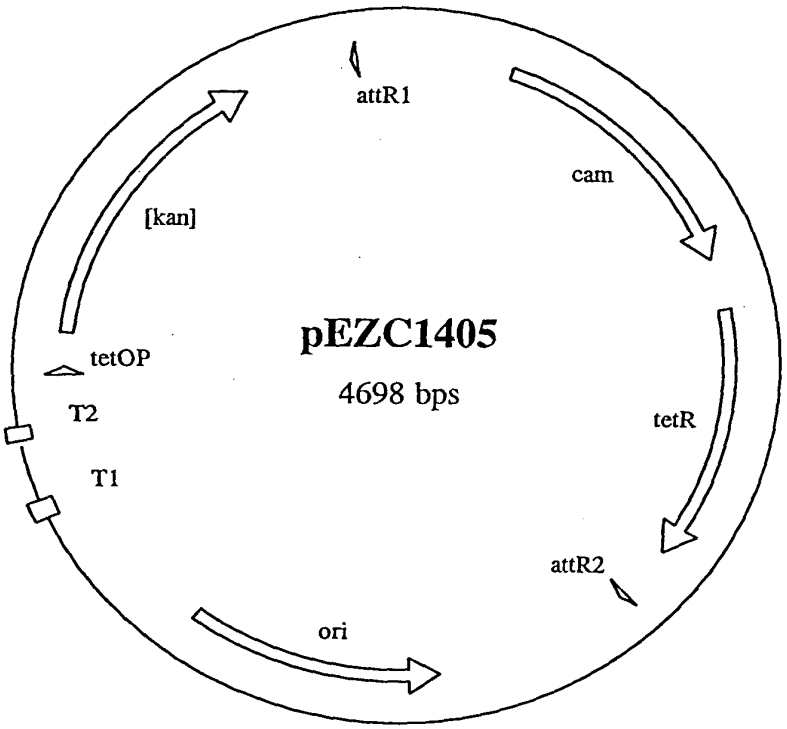
- FIGURE 5E -

8552.2-2852.2-1800



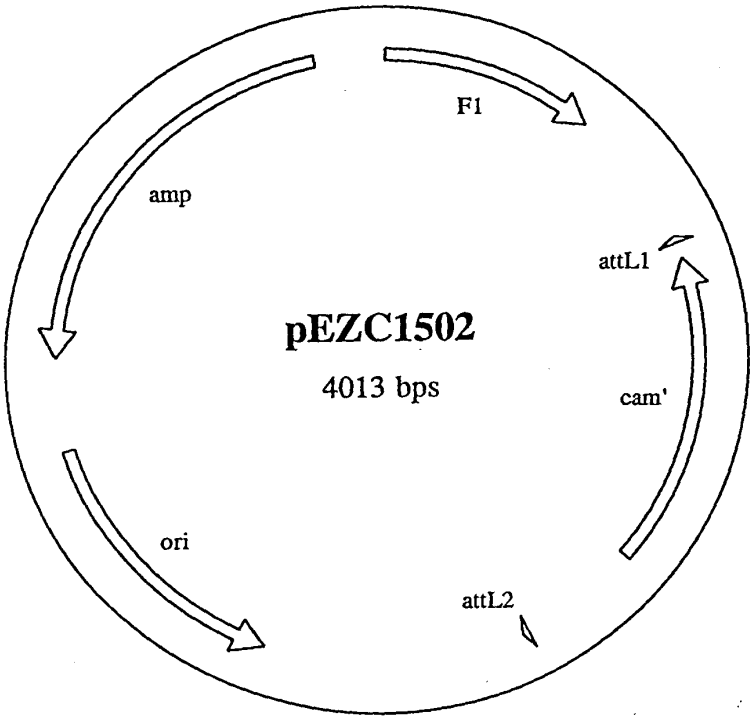
- FIGURE 5F -

SUBSTITUTE SHEET (RULE 26)



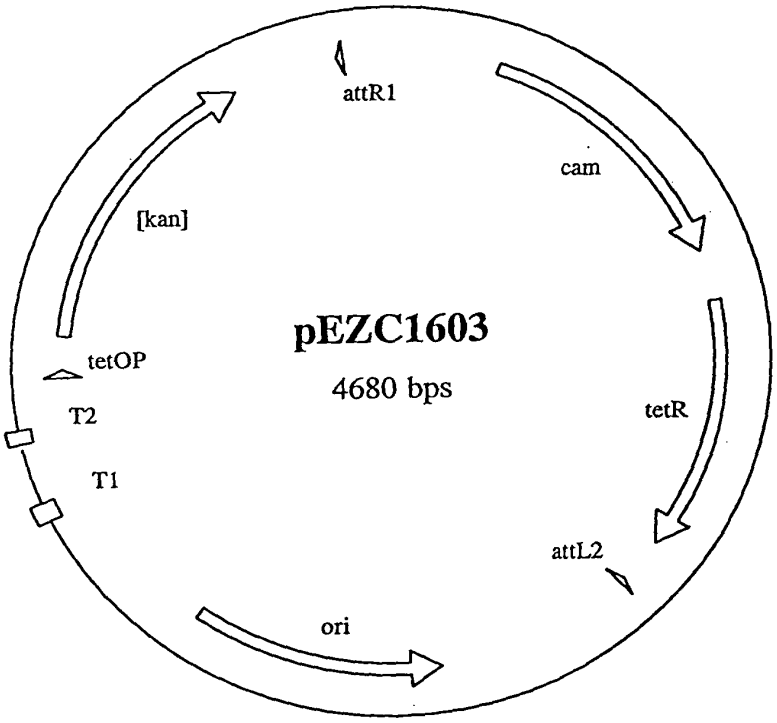
- FIGURE 5G -

Sequence 28 of 150



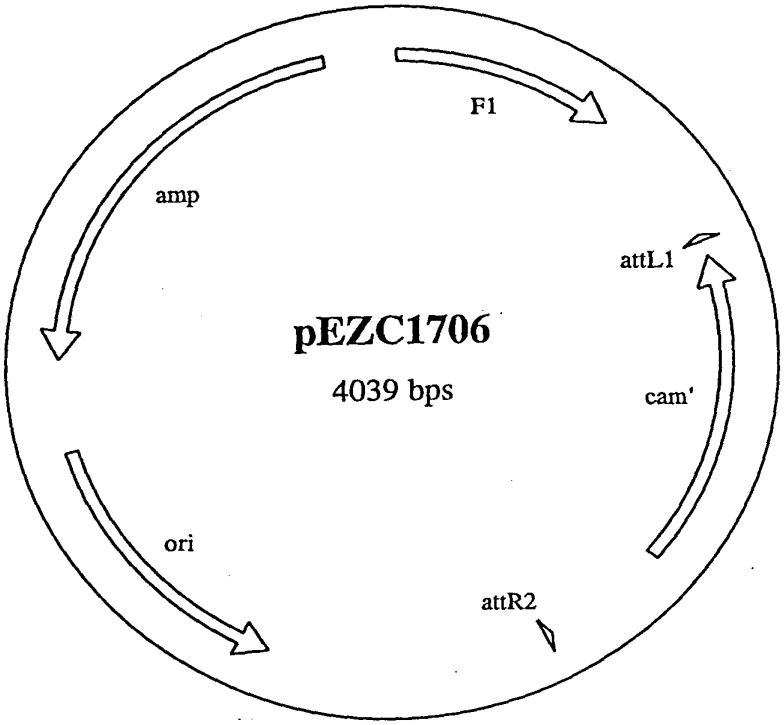
- FIGURE 5H -

09/30/01 - 96276.60



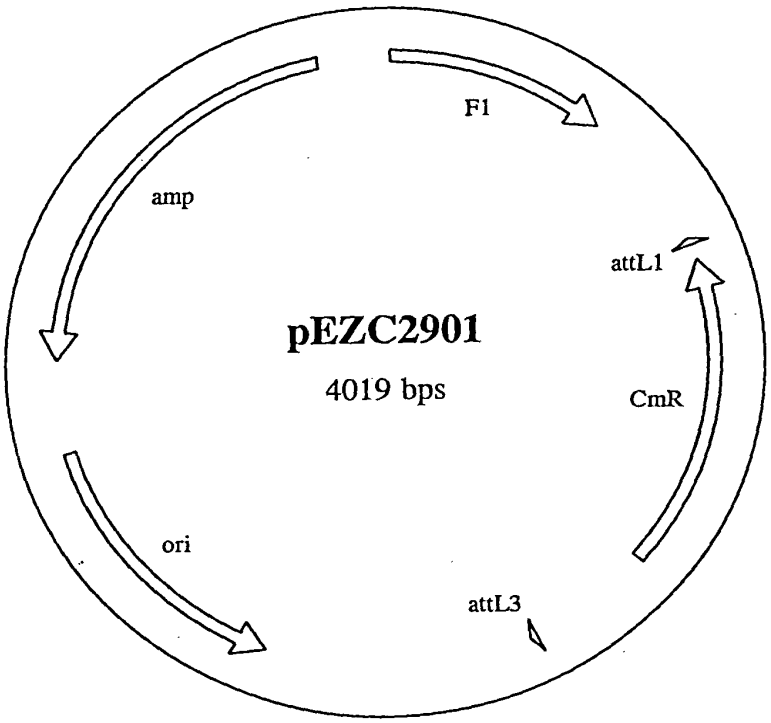
- FIGURE 6A -

Sequence = 6 of 6



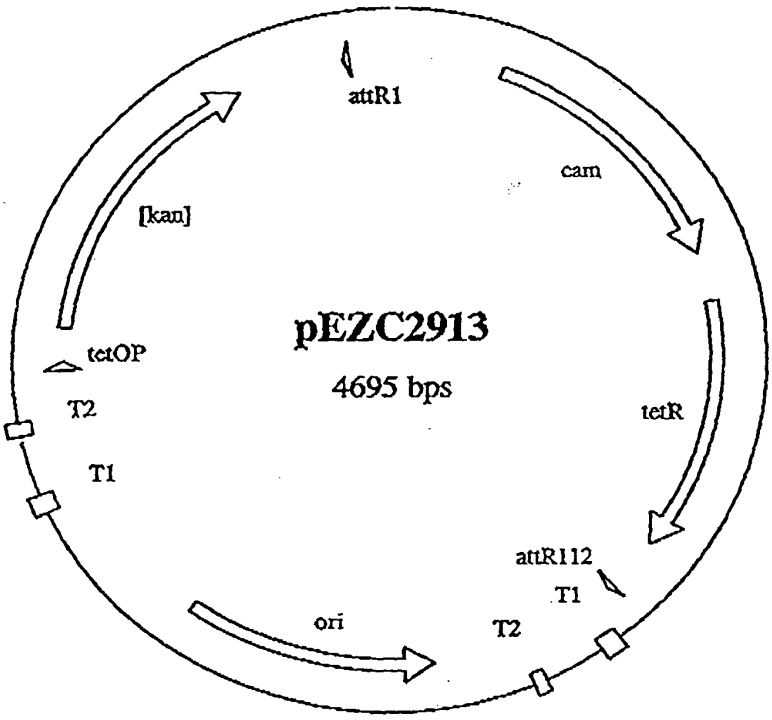
- FIGURE 6B -

09/15/2005 - 08:42 - 3605276



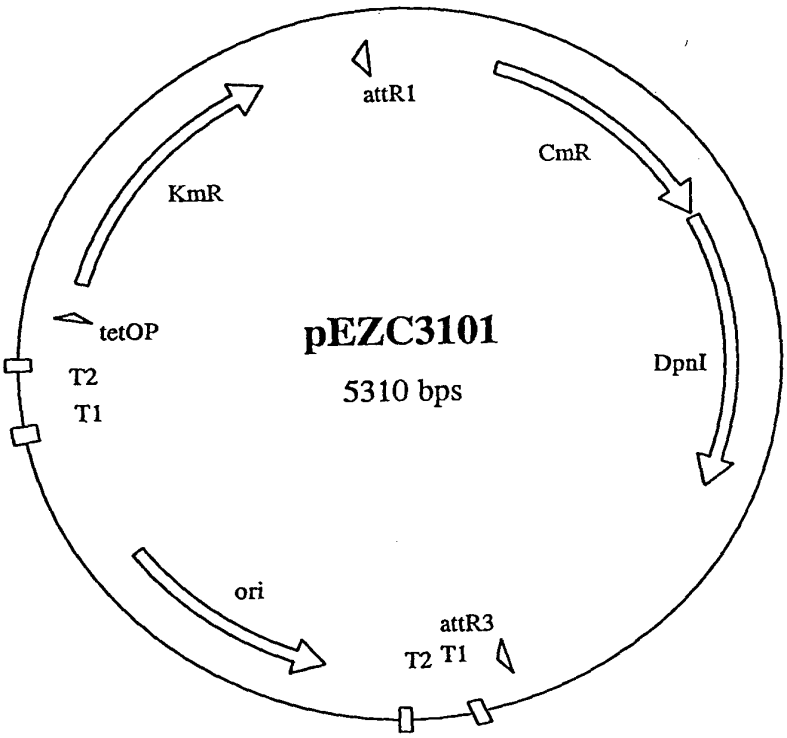
- FIGURE 7A -

95520.1 - 95520.2 - 95520.3



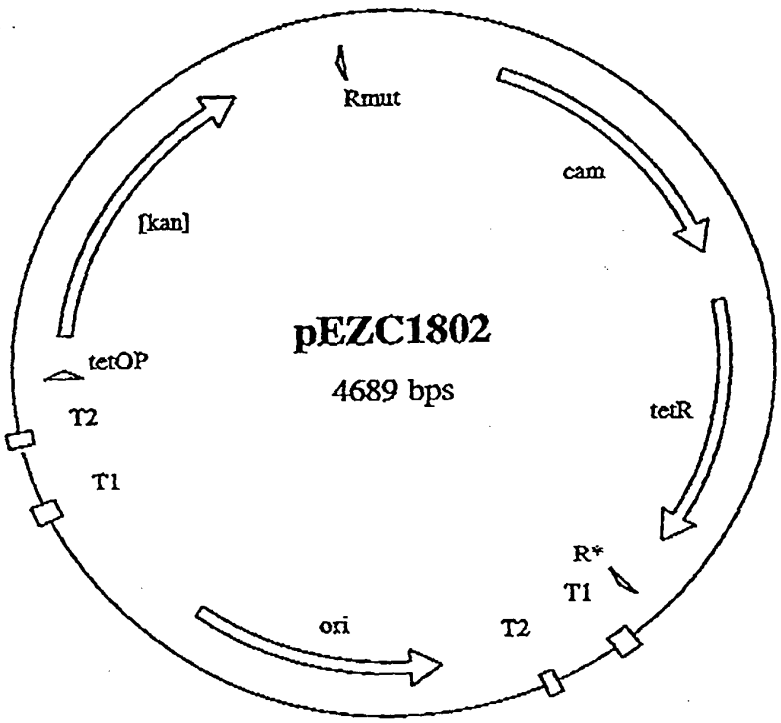
- FIGURE 7B -

08502001 - 08527159



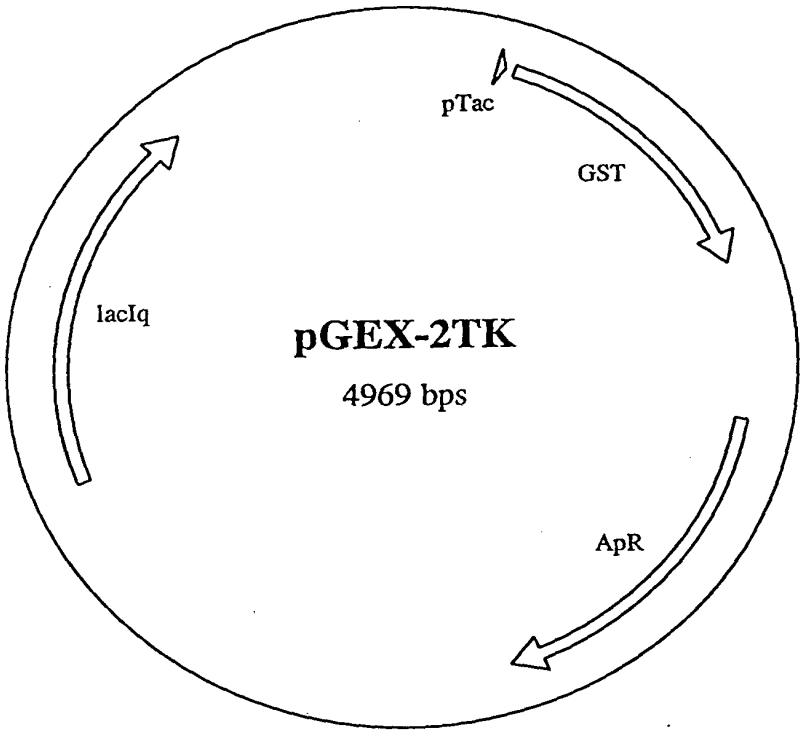
- FIGURE 7C -

08520-1802 : 08527160



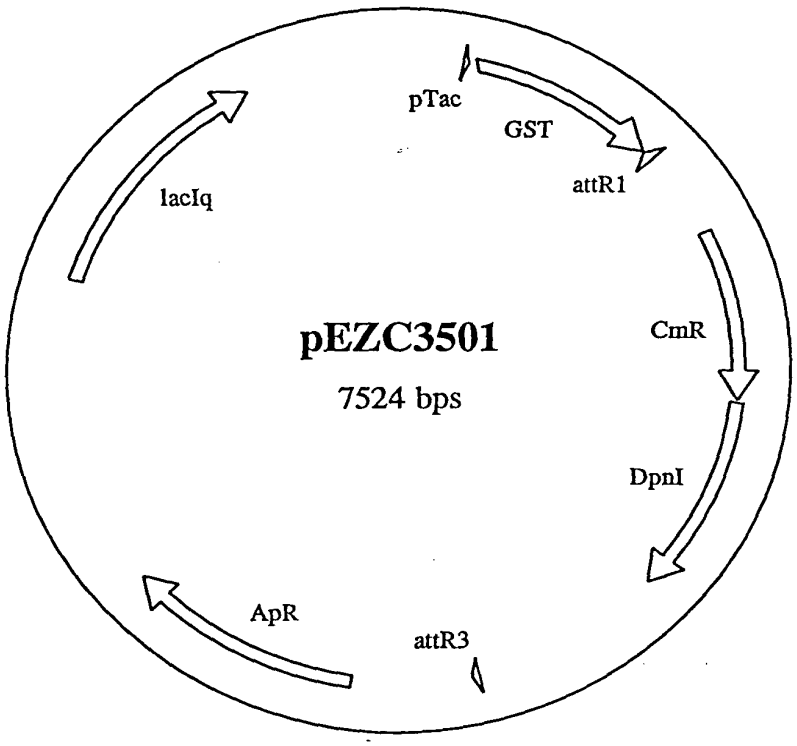
- FIGURE 7D -

Substitute Sheet (Rule 26)



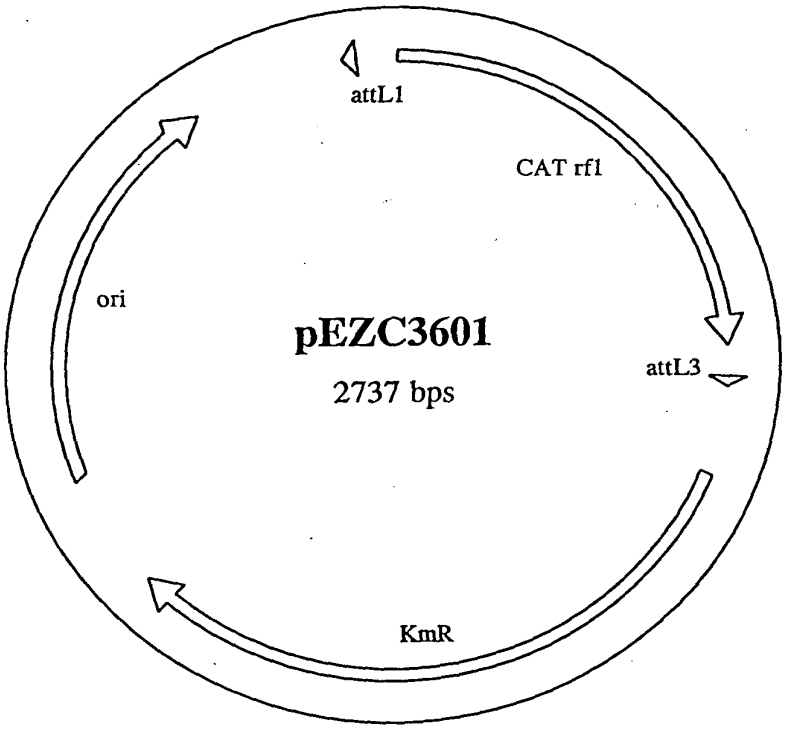
- FIGURE 8A -

3-3-2007:SBS/VS/PSD



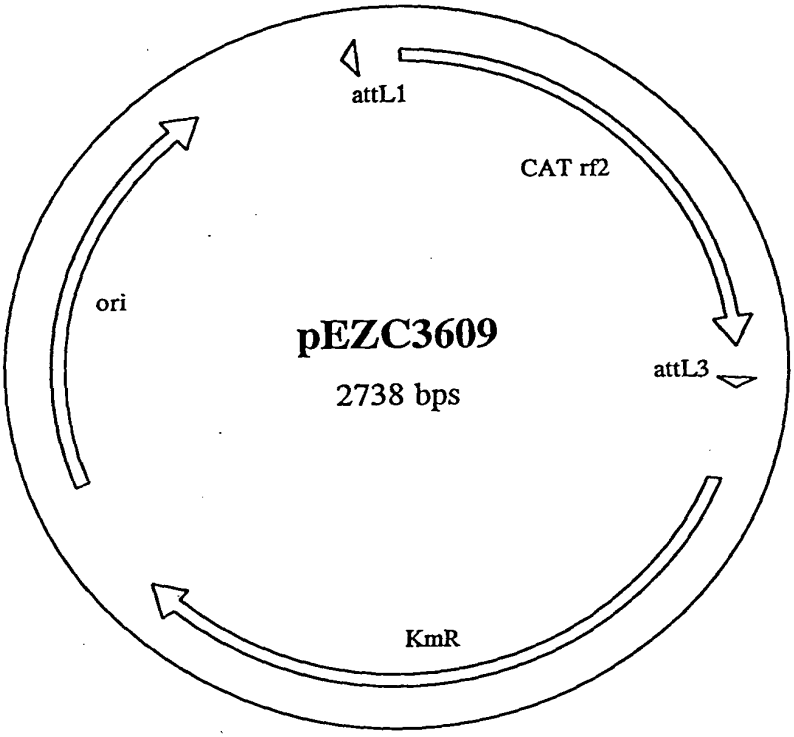
- FIGURE 8B -

5,545,552 - 20 - 08/27/96



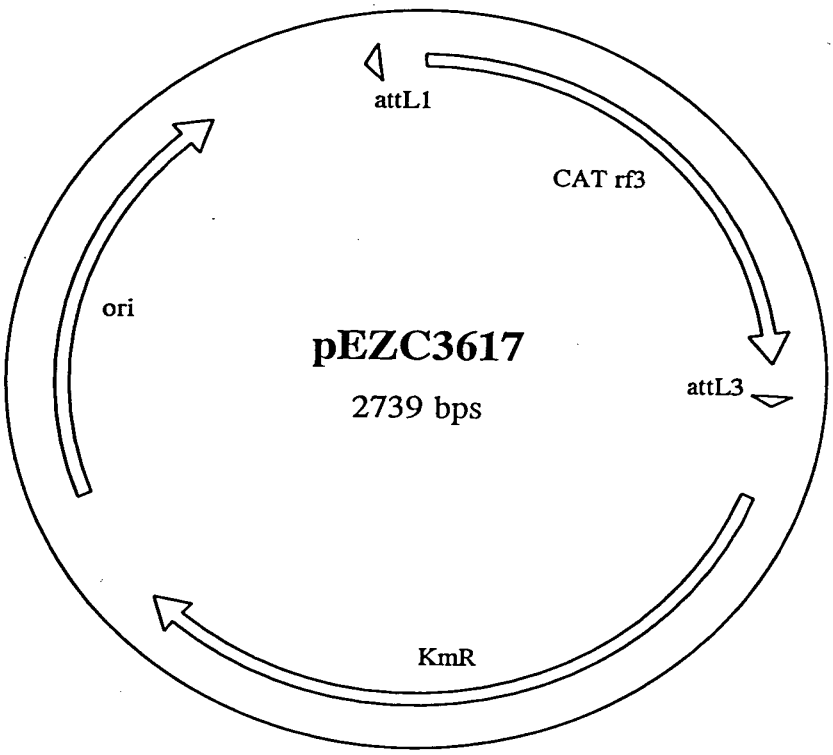
- FIGURE 8C -

03-04-2003 - 03:43:38 - 03/04/2003



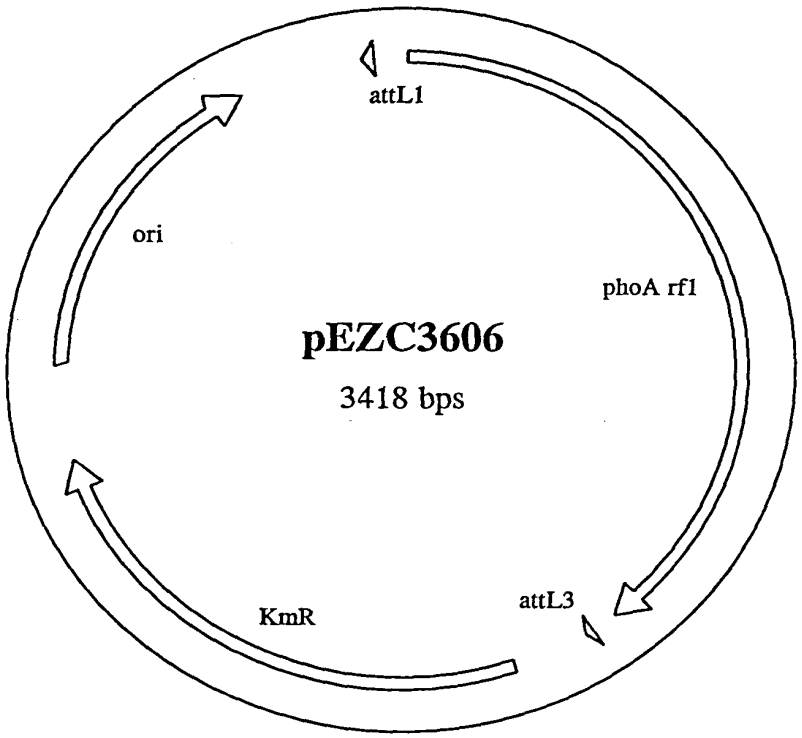
- FIGURE 8D -

0950-0E2N-3B9 : 1ED2U3B



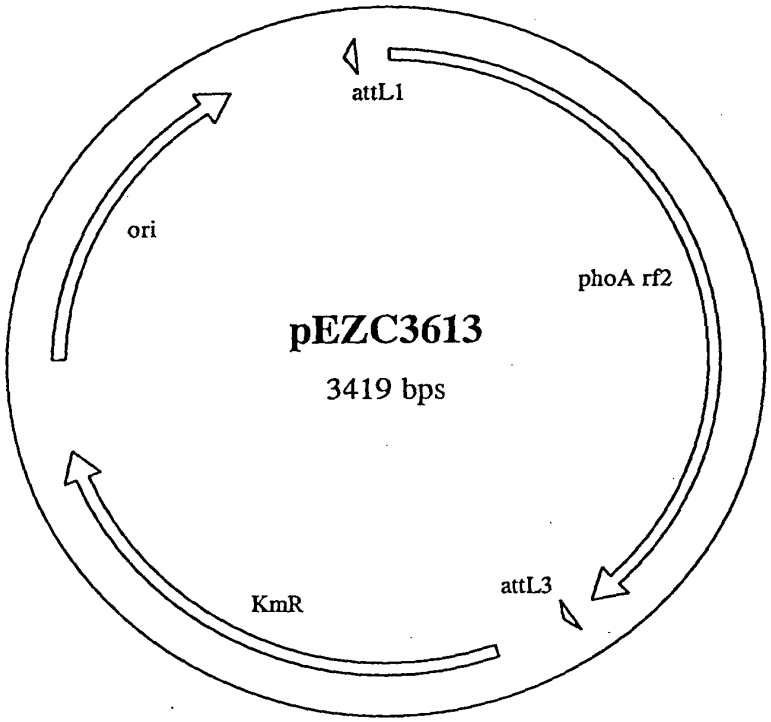
- FIGURE 8E -

SUBSTITUTE SHEET (RULE 26)



- FIGURE 8F -

09520704.2852704



- FIGURE 8G -

8/6/2004, 3:36:27 PM

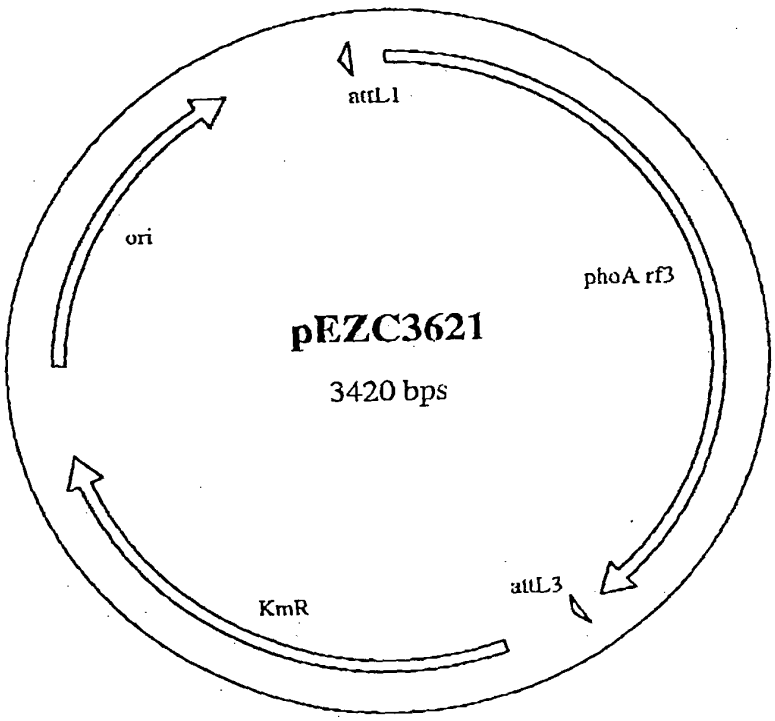


Figure 8H

pBEVY-GS-DEST

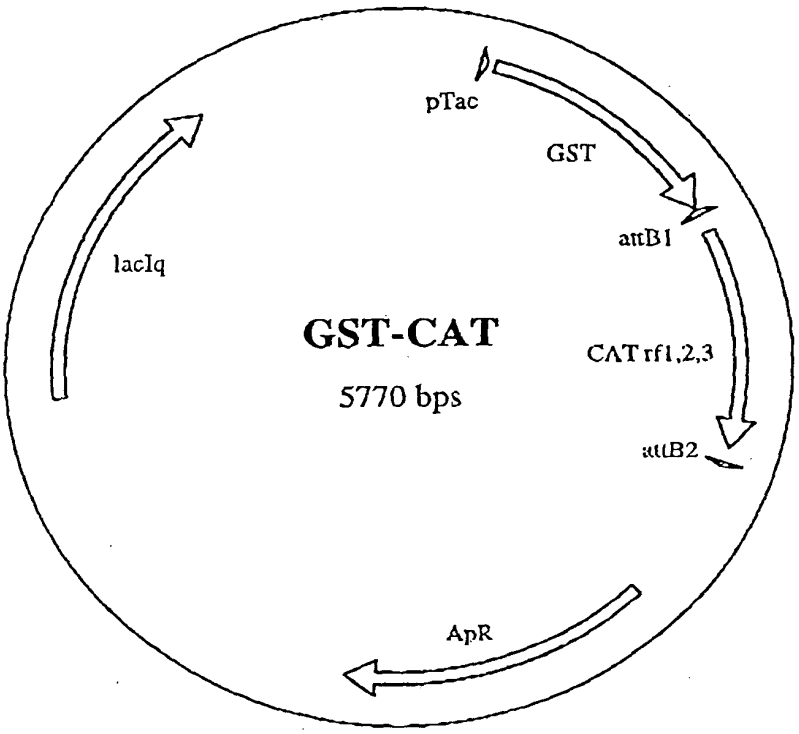


Figure 8I

SUBSTITUTE SHEET (RULE 26)

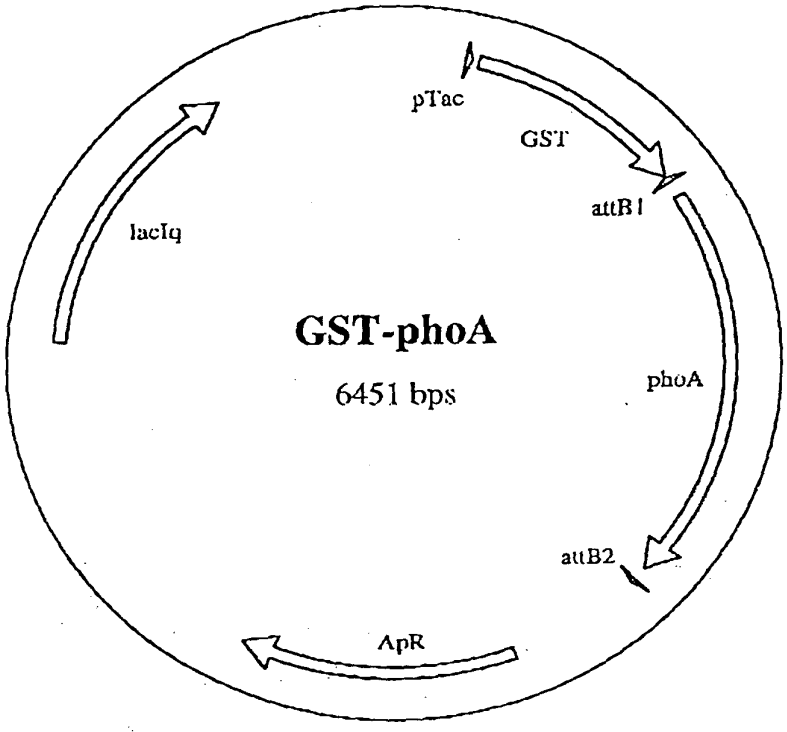


Figure 8J

86504.2-US-(NP)

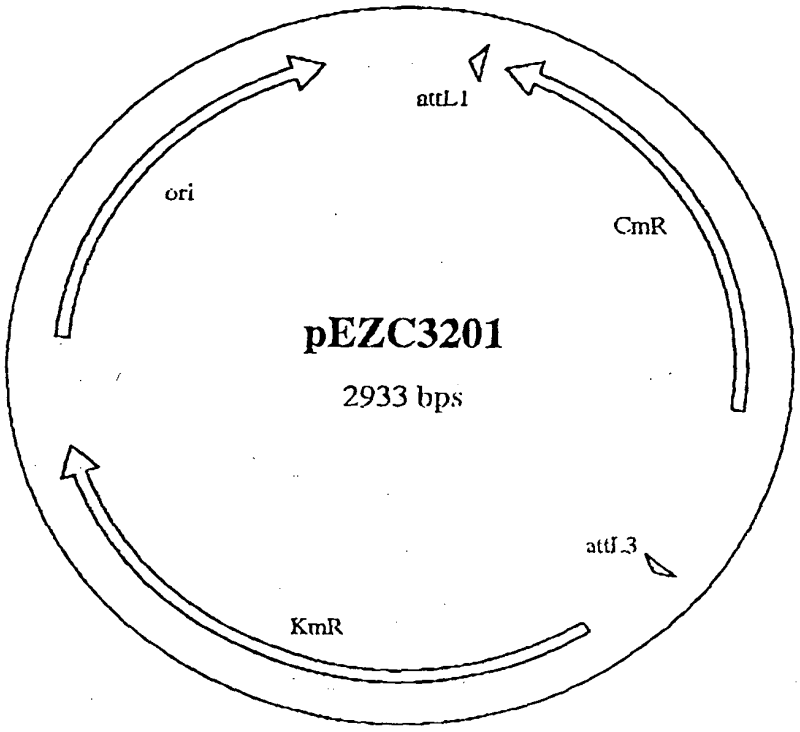
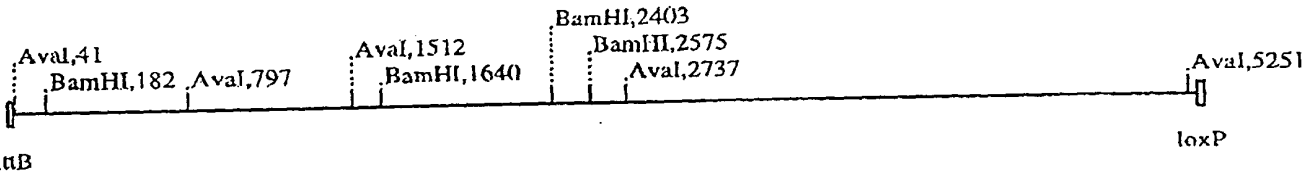


FIGURE 8K



5.2kbPCRprod (5327 bps)

FIGURE 9A

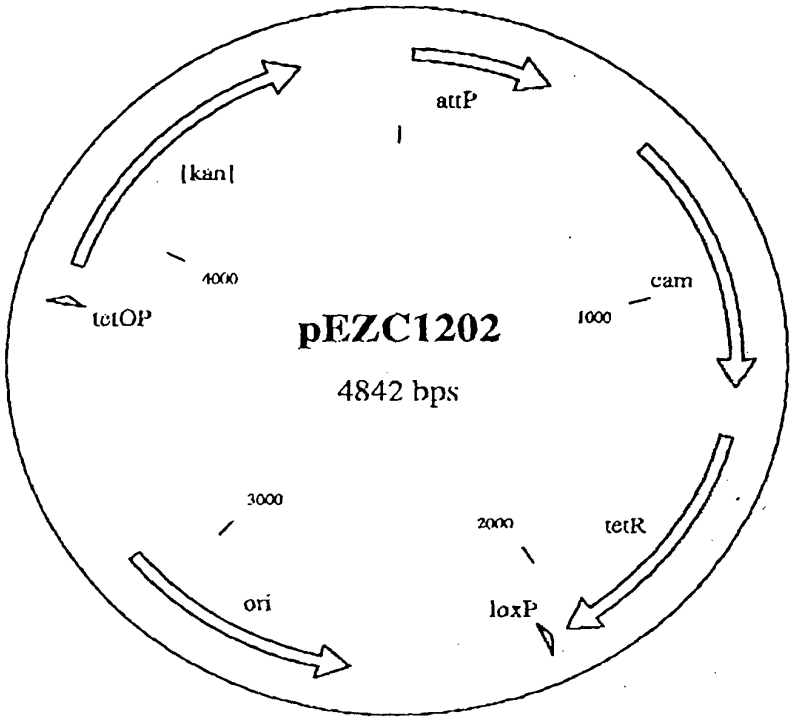

attP
[kan]
4000
tetOP
pEZC1202
4842 bps
1000
cam
3000
2000
tetR
ori
loxP

FIGURE 9B

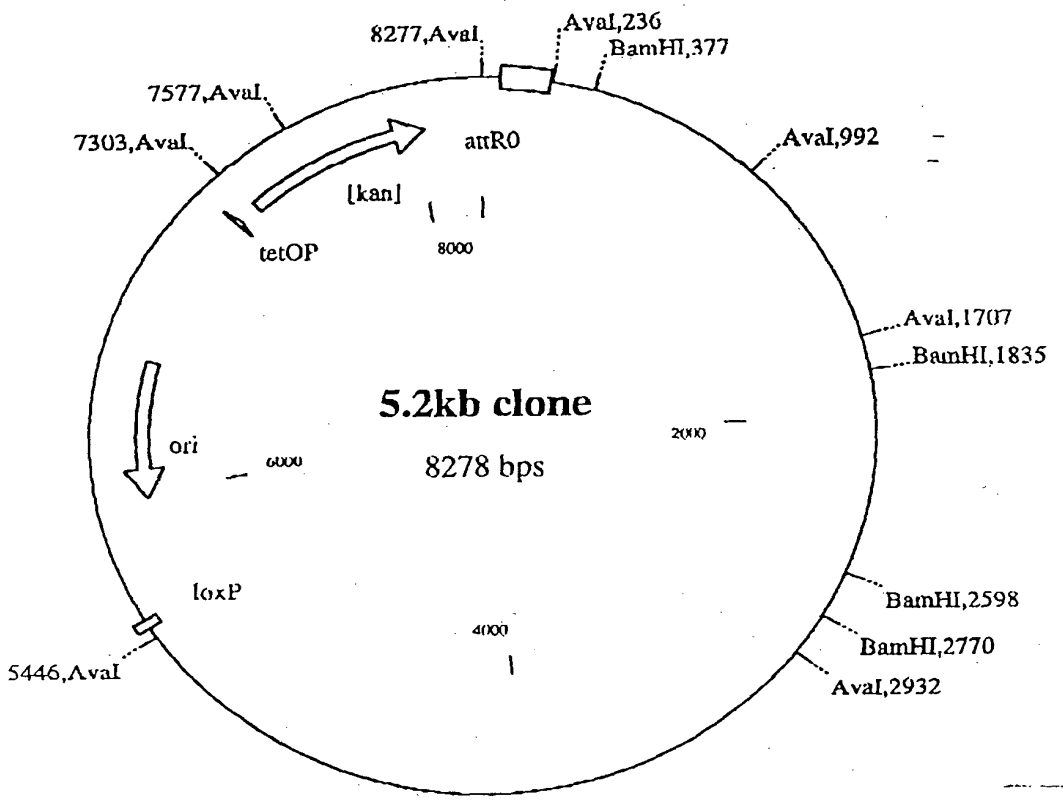

8277,AvaI
AvaI,236
BamHI,377
7577,AvaI
7303,AvaI
attR0
AvaI,992
[kan]
tetOP
8000
AvaI,1707
BamHI,1835
5.2kb clone
8278 bps
ori
6000
2000
loxP
4000
BamHI,2598
BamHI,2770
5446,AvaI
AvaI,2932

FIGURE 9C

08/30/2004 WED 12:09 [TX/RX NO 6090]

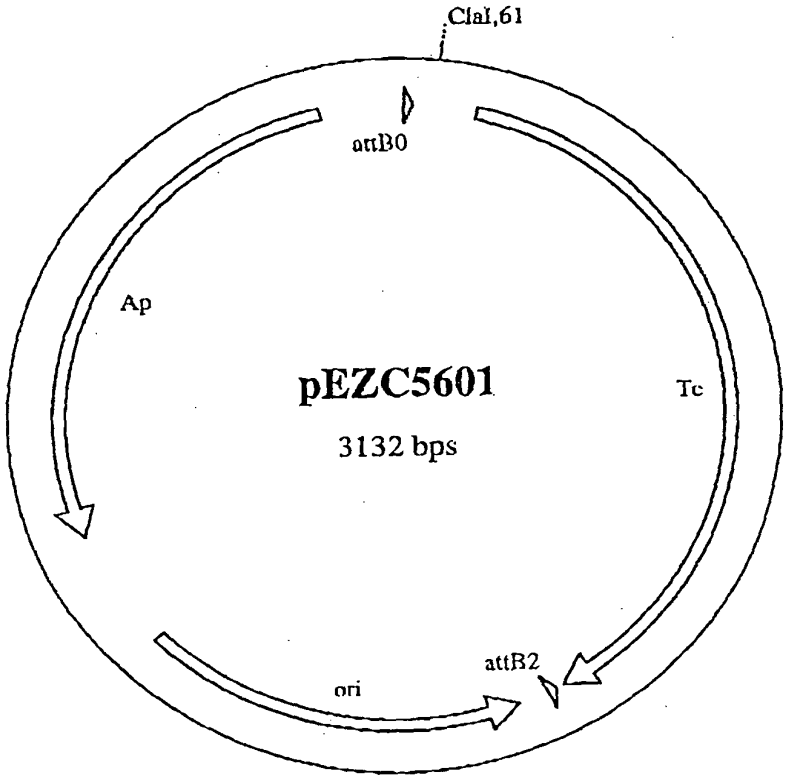


Figure 10A

09/538,282 1/25/00

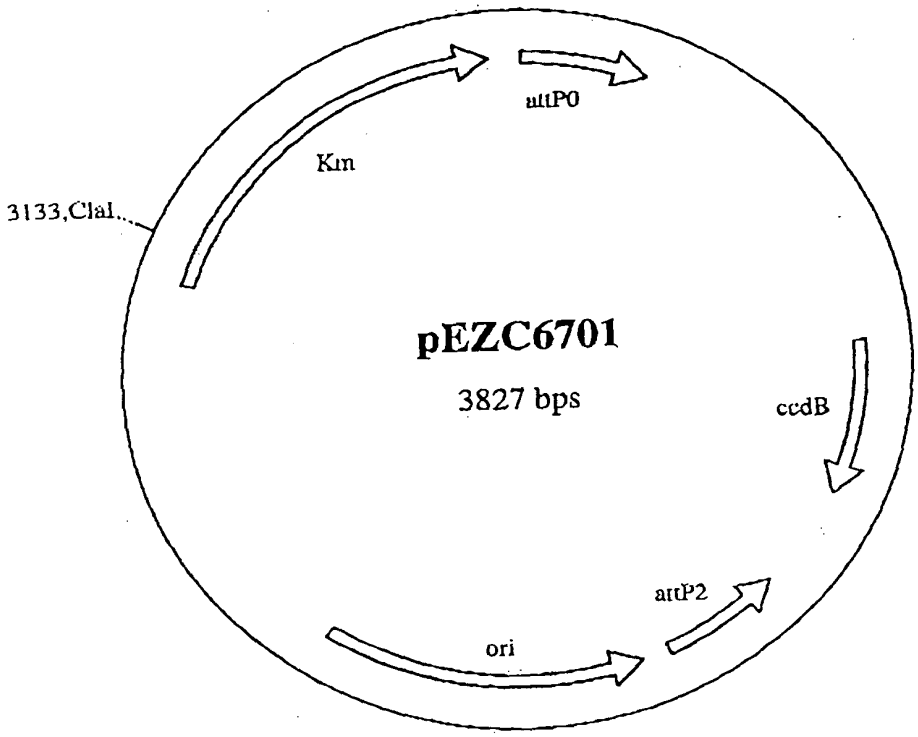


Figure 10B

6094384.1 08/03/2004

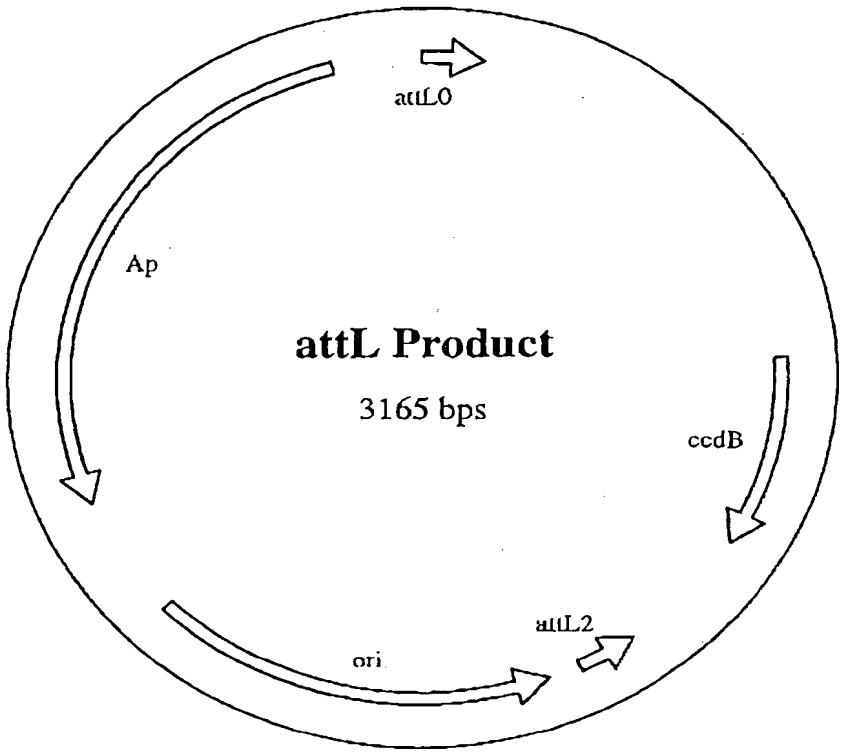


Figure 10C

05339-4864-2T150

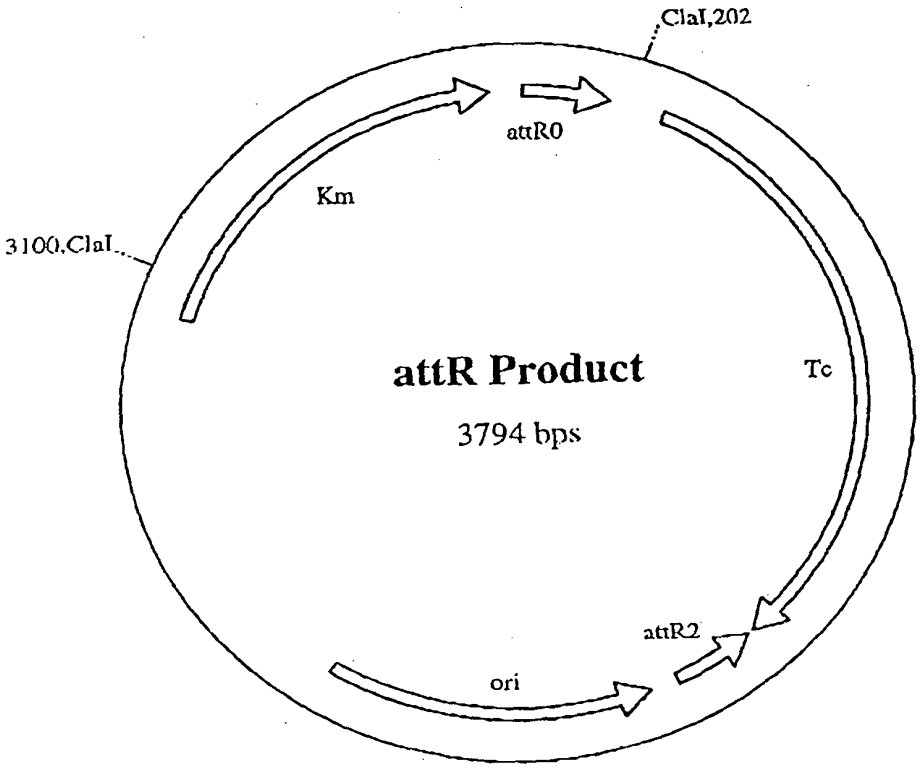


Figure 10D

Sequence - 38 of 76

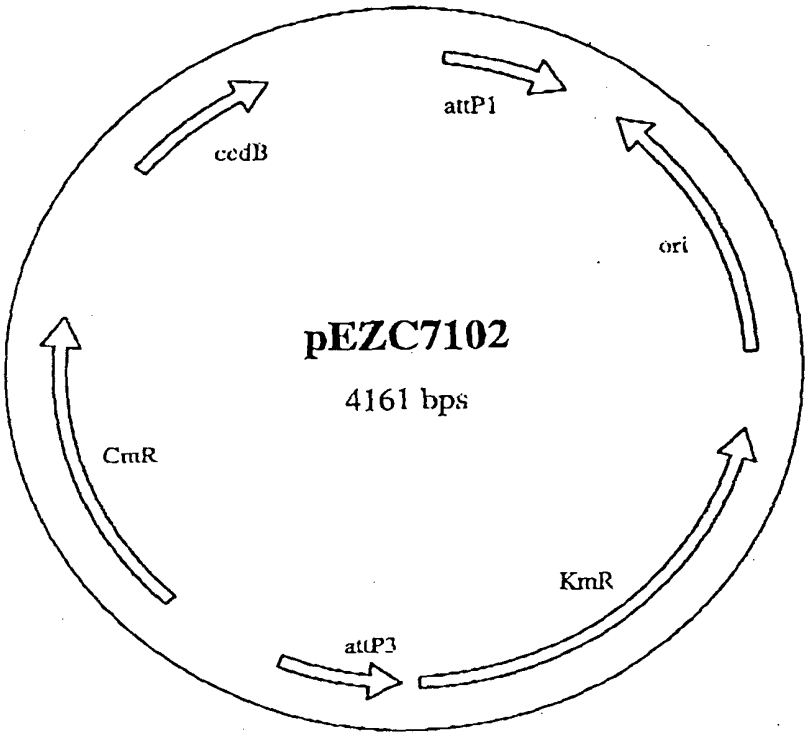


Figure 11A

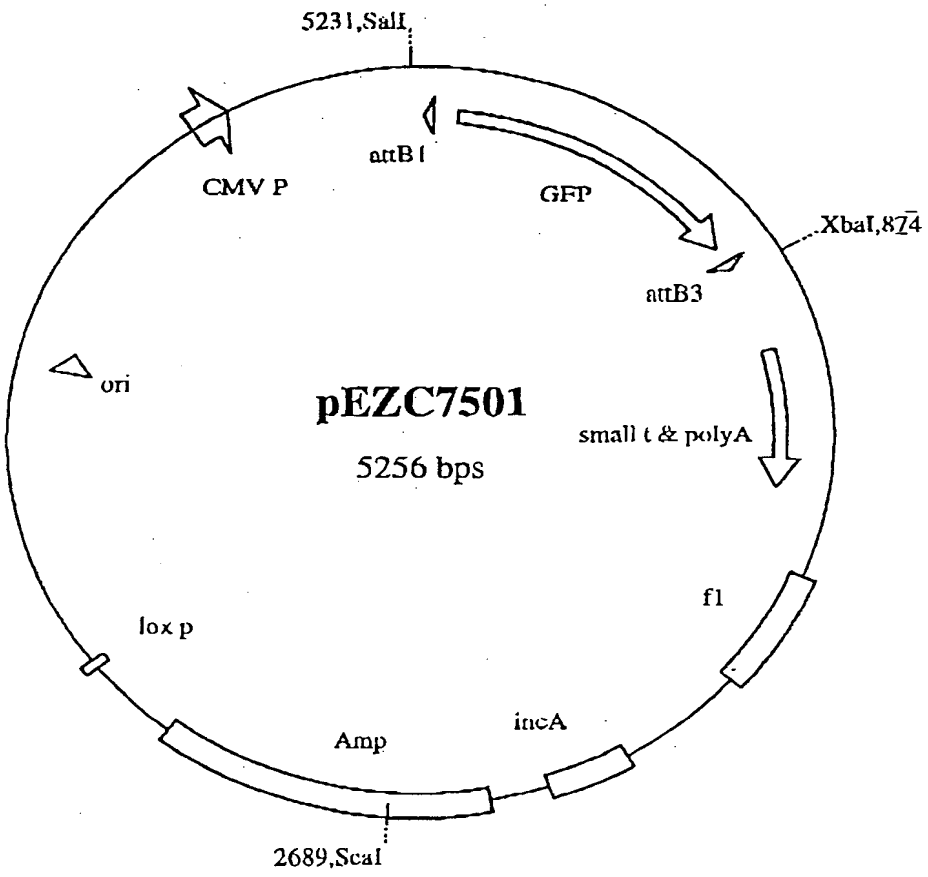

5231,SalI
attB1
CMV P
GFP
XbaI,874
attB3
ori
pEZC7501
5256 bps
small t & polyA
f1
lox p
incA
Amp
2689,ScaI

Figure 11B

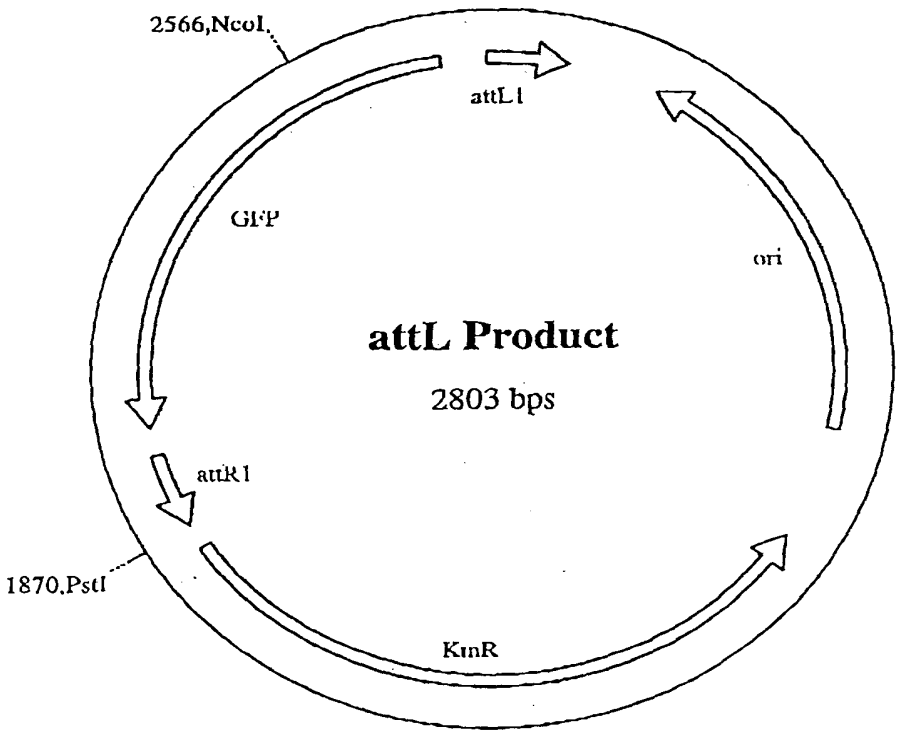
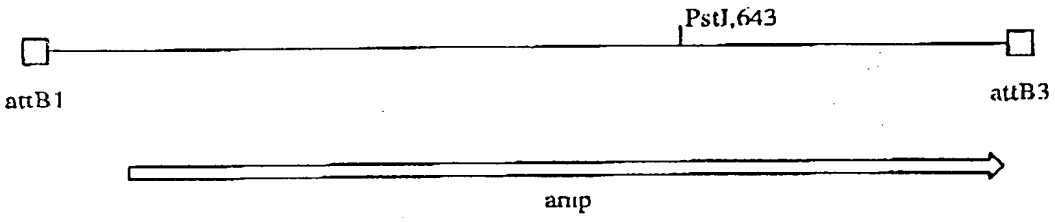

2566,NcoI
attL1
GFP
ori
attL Product
2803 bps
attR1
1870,PstI
KmR

Figure 11D

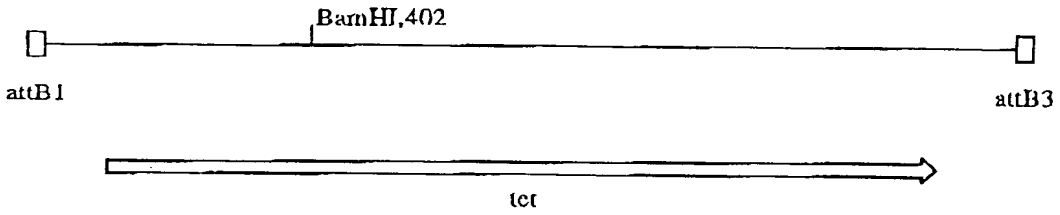
Sequence - 09/676,150



attB1AMPattB3 (987 bps)

Figure 12A

09/25/2006



attB1TETattB3 (1442 bps)

Figure 12B

Sequence: 2 of 6

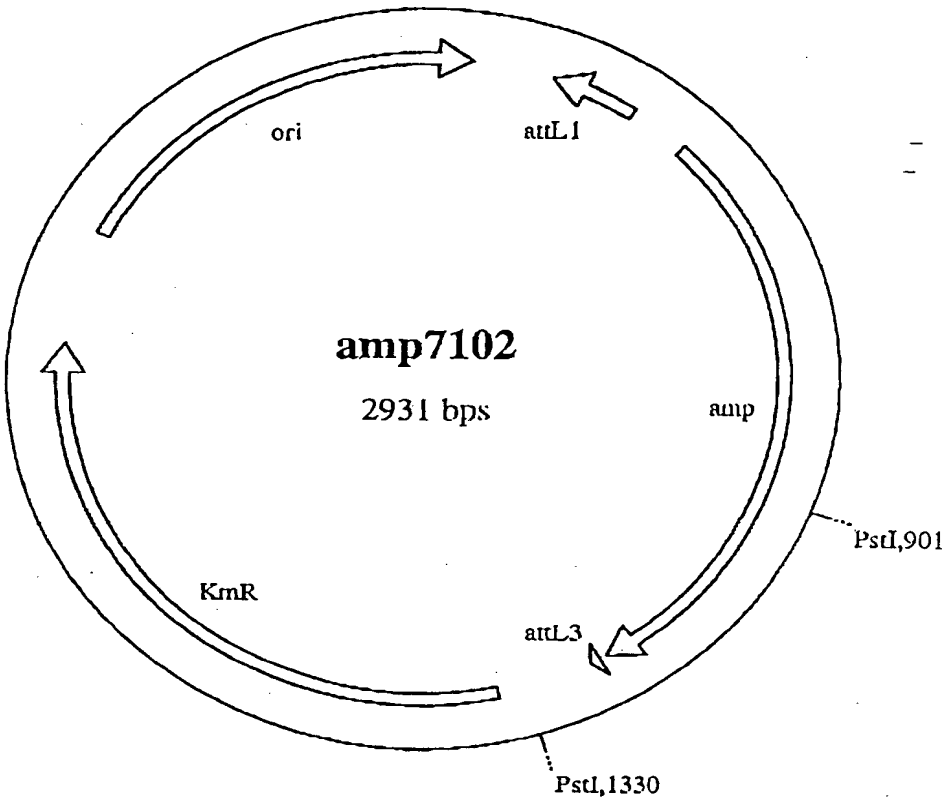


Figure 12C

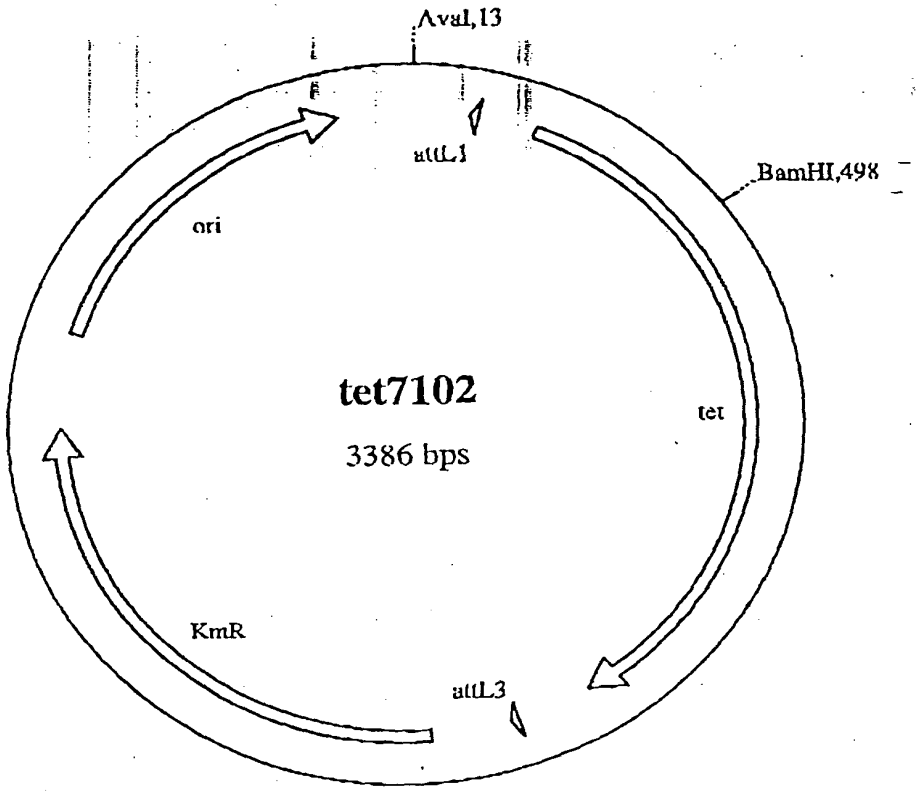


Figure 12D